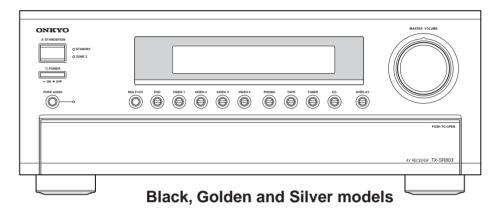
Ref. No. 3912 112005

### **ONKYO** SERVICE MANUAL

# AV RECEIVER MODEL TX-SR803/E



BMDD,BMDC,SMDC	120V AC, 60Hz
BMPP,SMPP,BMPA,SMPA	230-240V AC, 50Hz
GMWT	120/220-230V AC, 50/60Hz
GMGK,GMGR	220-230V AC, 50Hz



RC-620M

### SAFETY-RELATED COMPONENT WARNING!!

THE MARK A FOUND ON SOME COMPONENT PARTS INDICATES THE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK.

WHEN REPLACING, BE SURE TO USE PARTS OF IDENTICAL DESIGNATION.

MAKE LEAKAGE-CURRENT OR RESISTANCE
MEASUREMENTS TO DETERMINE THAT EXPOSED
PARTS ARE ACCEPTABLY INSULATED FROM THE
SUPPLY CIRCUIT BEFORE RETURNING THE
APPLIANCE TO THE CUSTOMER.



#### **SPECIFICATIONS**

#### **Amplifier Section**

Power Output

2 channels driven: North American: 105 W + 105 W

 $(8\Omega, 20 \text{ Hz}-20 \text{ kHz}, \text{FTC})$ European: 140 W + 140 W  $(6\Omega, 1 \text{ kHz, DIN})$ Others: 170 W + 170 W  $(6\Omega, 1 \text{ kHz}, \text{JEITA})$ 

Dynamic Power

240 W + 240 W (3 Ω, Front)  $180 \text{ W} + 180 \text{ W} (4\Omega, \text{Front})$ 125 W + 125 W (8Ω, Front)

0.08% (Power Rated)

60 (Front, 1 kHz,  $8\Omega$ )

 $200 \text{ mV} / 47 \text{ k}\Omega \text{ (LINE)}$ 

 $2.5 \text{ mV}/47 \text{ k} \Omega \text{ (PHONO MM)}$ 

200 mV/470Ω (REC OUT)

10 Hz-100 kHz/+1 dB-3 dB (LINE)

70 mV (MM 1 kHz, 0.5%)

±10 dB, 20 kHz (TREBLE) 106 dB (LINE, IHF-A)

±10 dB, 50 Hz (BASS)

THD (Total Harmonic

Distortion) Damping Factor Input Sensitivity and

Impedance

Output Level and

Impedance Phono Overload Frequency Response

Tone Control

Signal to Noise Ratio

80 dB (PHONO, IHF-A)  $4 \Omega$  min. or  $6 \Omega$  min. Speaker Impedance

Video Section

Input Sensitivity/Output

Level and Impedance 1 Vp-p /75  $\Omega$ (Component and S-Video Y)  $0.7 \text{ Vp-p} / 75 \Omega$  (Component Pb/Cb,Pr/Cr)

 $0.28 \text{ Vp-p}/75 \Omega \text{ (S-Video C)}$ 

1 Vp-p /75 Ω (Composite) Component Video Frequency Response 5 Hz - 100 MHz

**Tuner Section** 

FΜ

Tuning Frequency

North American: 87.5 MHz- 107.9 MHz Range

Other: 87.5 MHz-108.0 MHz Usable Sensitivity Stereo: 22.2 dBf (75 \Omega IHF)

Mono: 15.2 dBf (75 Ω IHF) Stereo: 67 dB (IHF-A) Signal to Noise Ratio

Mono: 73 dB (IHF-A) THD Stereo: 0.5% (1 kHz) Mono:0.3% (1 kHz)

Frequency Response  $30 \text{ Hz-}15 \text{ kHz} / \pm 1 \text{ dB}$ Stereo Separation 40 dB (1 kHz)

**AM** 

Tuning Frequency

North American: 530 kHz-1710 kHz Range

European: 522 kHz-1611 kHz Asian: 530/522 kHz-1710/1611 kHz

Usable Sensitivity 300 μV/m 40 dB Signal to Noise Ratio THD 0.70%

General

Power Supply North American: AC 120 V, 60 Hz

Australian and European:

AC 230-240 V, 50 Hz Others: AC 120/220-240 V, 50/60 Hz AC 230-240 V, 50Hz AC 220-230 V, 50/60 Hz

Power Consumption North American: 7.5 A

Others: 680 W

Standby Power Consumption North American: 0.1 W

Australian and European: 0.2 W

Others: 0.5 W

Dimensions

(W **X** H **X** D) 435 × 173.5 × 430 mm

17-1/8" **×** 6-13/16" **×** 16-15/16"

Weight North American: 13.3 kg

29.3 lbs. European: 13.5 kg

29.8 lbs. Others: 13.3 kg 29.3 lbs.

Video Inputs

HDMI IN1, IN2 Component IN1, IN2, IN3

S-Video DVD, VIDEO1, VIDEO2, VIDEO3,

VIDEO4

Composite DVD, VIDEO1, VIDEO2, VIDEO3,

VIDEO4

**Video Outputs** 

HDMI OUT OUT Component

MONITOR OUT, VIDEO1, VIDEO2 S-Video Composite MONITOR OUT, VIDEO1, VIDEO2

**Audio Inputs** 

Digital Inputs Optical: 5 (1 on Front Panel)

Coaxial: 2

Analog Inputs DVD (MULTICHANNEL), VIDEO1, VIDEO2, VIDEO3, VIDEO4, TAPE, CD,

PHONO

7.1 ch (DVD) Multichannel Input

**Audio Outputs** 

Digital Output Optical: 1 TAPE, VIDEO1, VIDEO2, ZONE2

Analog Outputs Multichannel Pre

7.1 ch

Outputs Speaker Outputs

L, R, C, SL, SR, SBL, SBR

ZONE2 (L, R)

Phones

RS232 1 (Other than North American and

Australian)

IR Input/Output 1/1

12 V Trigger Out ZONE2

Specifications and features are subject to change without notice.

#### SERVICE PROCEDURES

#### 1. Replacing the fuses

This symbol located near the fuses indicates that the fuse used is fast operating type. For continued protection against fire hazard, replace with same type fuse. For fuse rating refer to the marking adjacent to the symbol.

Ce symbole indique que le fusible utlise est a rapide. Pour une protection permanente, n'untiliser que fusibles de meme type. Ce darnier est la qu le present symbol est appse.

CIRCUIT NO.	PART NO.	DESCRIPTION
F6901,F6902	252301GR	12A-TUL-250V,Fuse
F901	252079GR	6.3A-SE-EAK,Fuse <p a="" r="" t=""></p>
	252330GR	10A-UL/T-233,Fuse <d></d>
F902	252079GR	6.3A-SE-EAK,Fuse <t></t>
F903	252075GR	2.5A-SE-EAK,Fuse <p a="" r="" t=""></p>
	252326GR	5A-UL/T-233,Fuse <d></d>
F931,F932	252073GR	1.6A-SE-EAK,Fuse
F951,F952	252079GR	6.3A-SE-EAK,Fuse

Note: <D>:120V model only <P>: European model only <R>: 230V model only <T>:Worldwide model only <A>: Australian model only

#### 2. To initialize the unit

This device employs a microprocessor to perform various functions and operations. If interference generated by an external power supply, radio wave, or other electrical source results in accident which causes the specified operations and functions to operate abnormally.

To perform a result, please follow the procedure below.

1.Press and hold down the VIDEO-1 button, then press the STANDBY button.

2.After "Clear" is displayed, the preset memory and each mode stored in the memory, such as surround, are initialized and will return to the factory setting.

#### 3. Safety-check out

(U.S.A. model only)

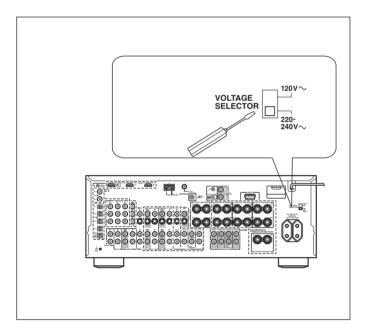
After correcting the original service problem, perform the following safety check before releasing the set to the customer. **Leakage Current Check** 

Measure leakage current to a known earth ground(water pipe, conduit, etc.) by connecting a leakage current tester between the earth ground and exposed metal parts of the appliance (input/output terminals, screwheads,metal overlays, etc.). Plug the power supply cord directly into a 120V AC 60 Hz outlet and turn Standby switch on. Any current meausred must not exceed 0.5mA.

### 4.Setting the Voltage selector (Worldwide models only)

Worldwide models are equipped with a voltage selector to conform with local power supplies. Be sure to set this switch to match the voltage of the power supply in your area before plugging in the unit.

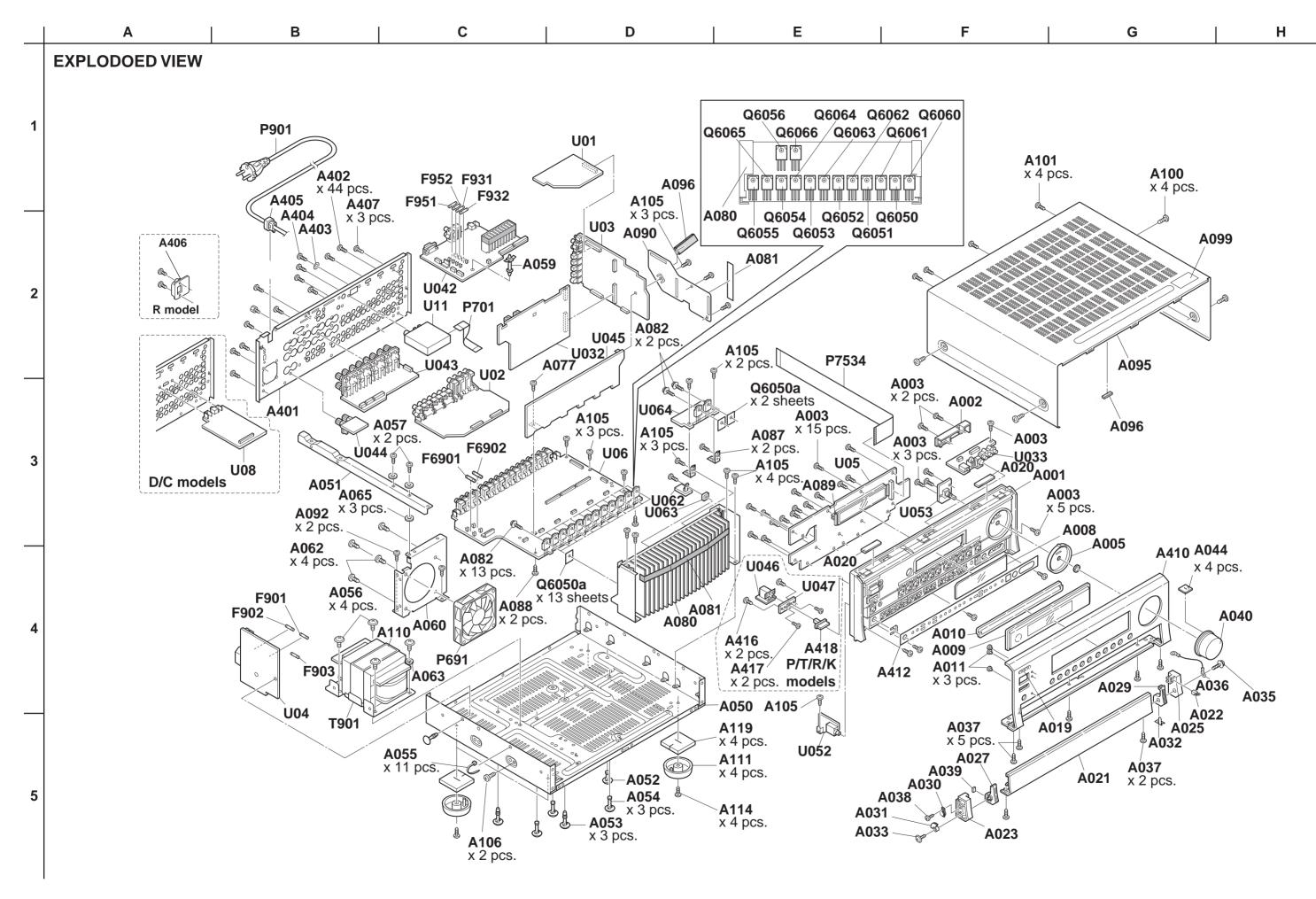
- 1. Determine the proper voltage for your area: 220-240 V or  $120 \, \text{V}$ .
- 2. If the preset voltage is not correct for your area, insert a screw-driver into the groove in the switch. Slide the switch all the way to the upper (120 V) or to the down side (220-240 V), whichever is appropriate.

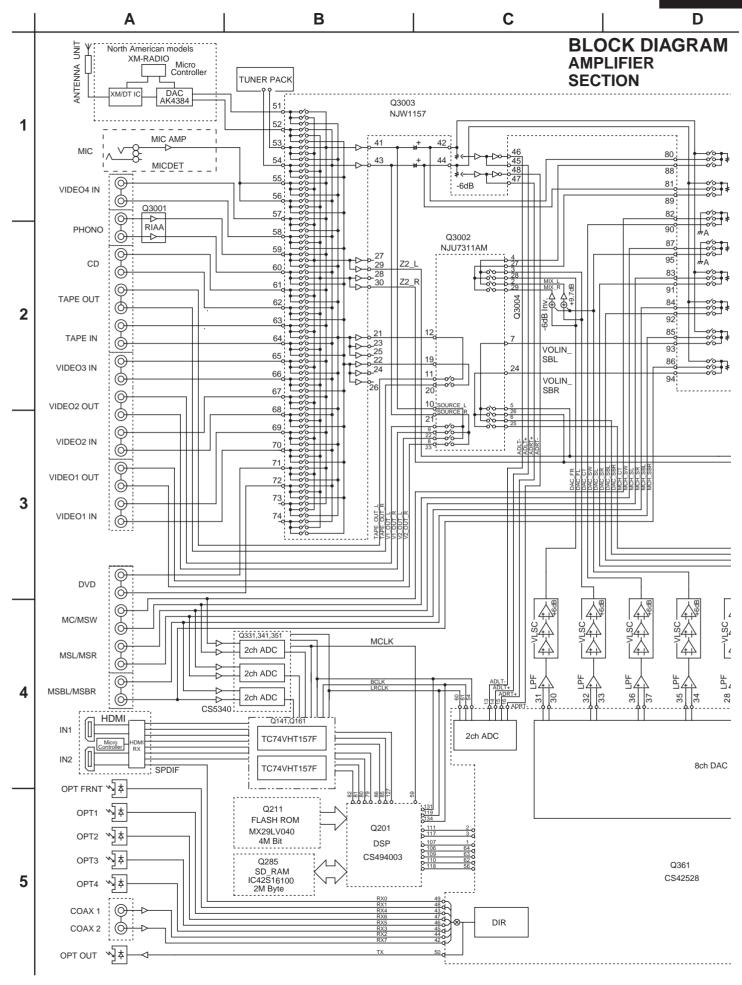


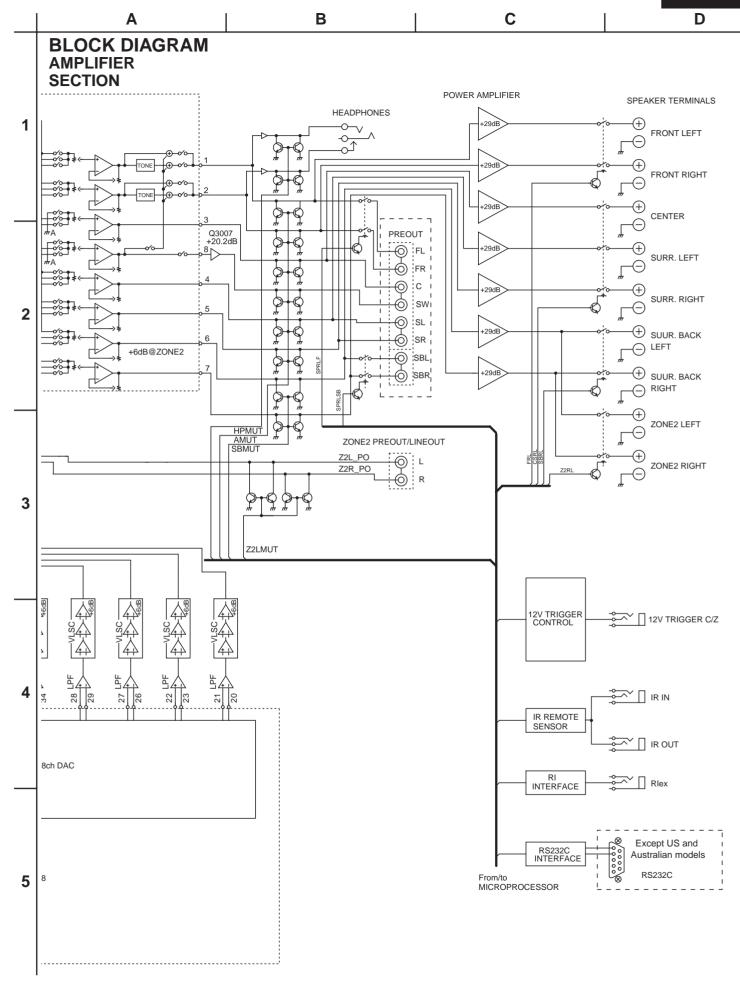
#### 5. Changing the AM band step

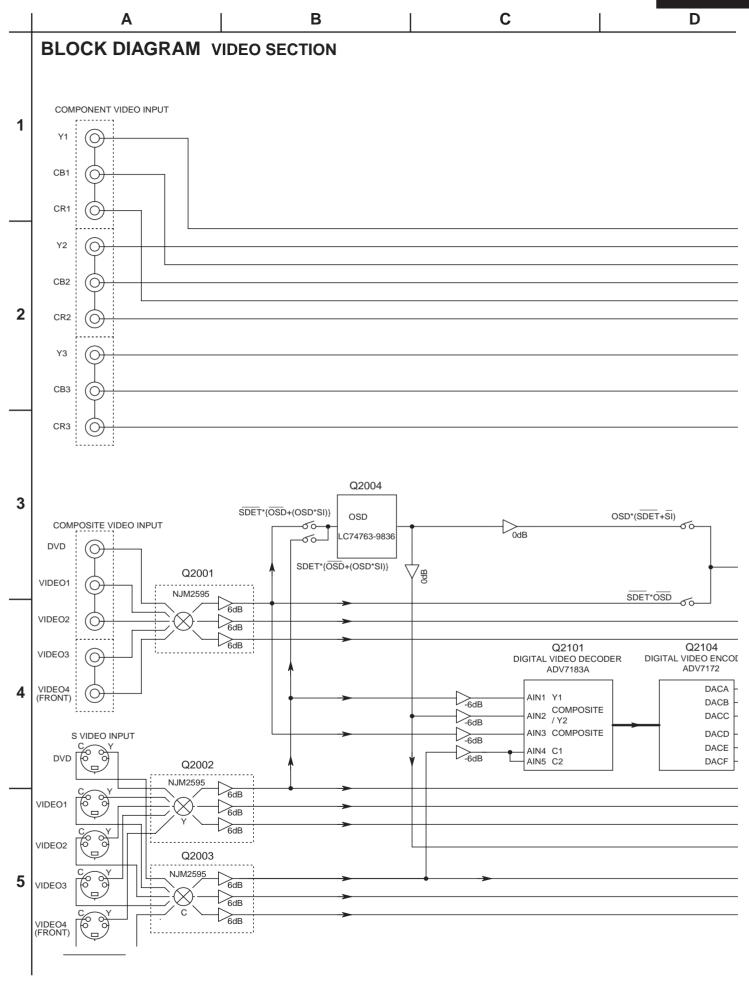
With the exception of the worldwide models, a tuning step selector switch is not provided. When you change the band step, change the parts as shown below.

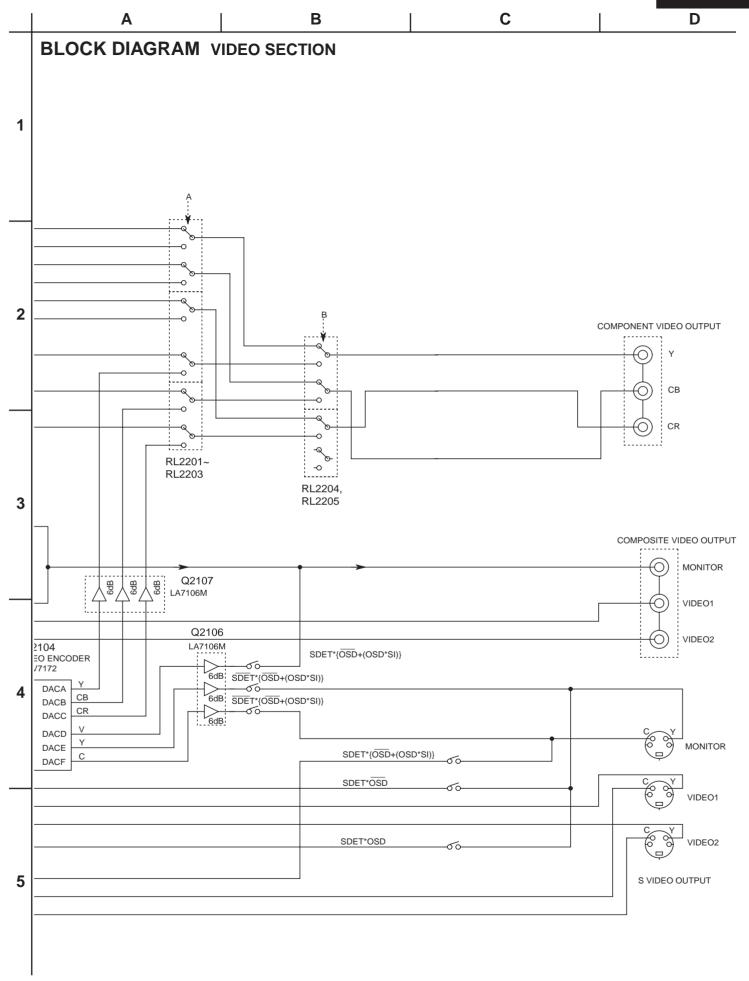
	To 10kHz	To 9kHz
R714	Open	10 k

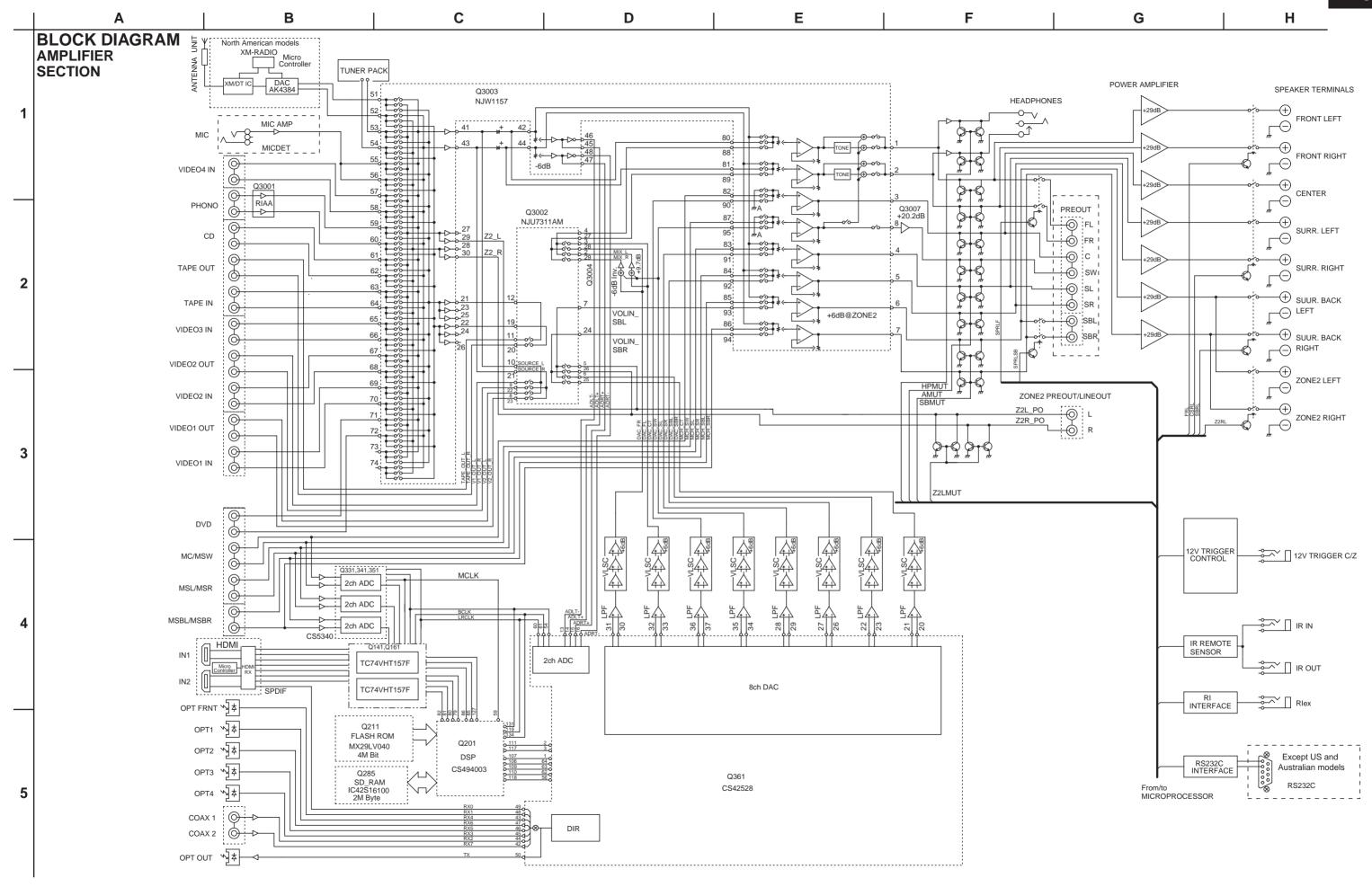


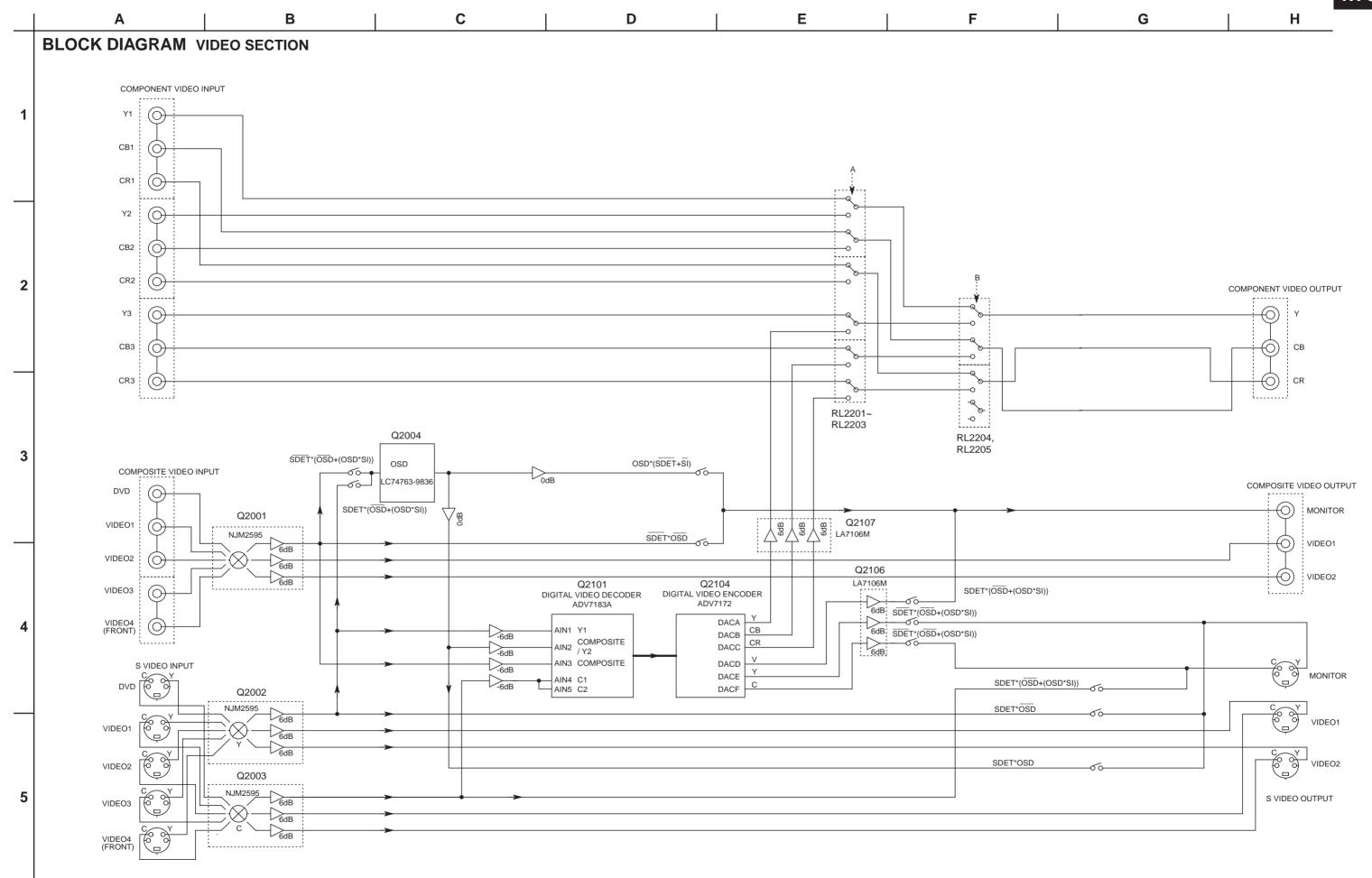


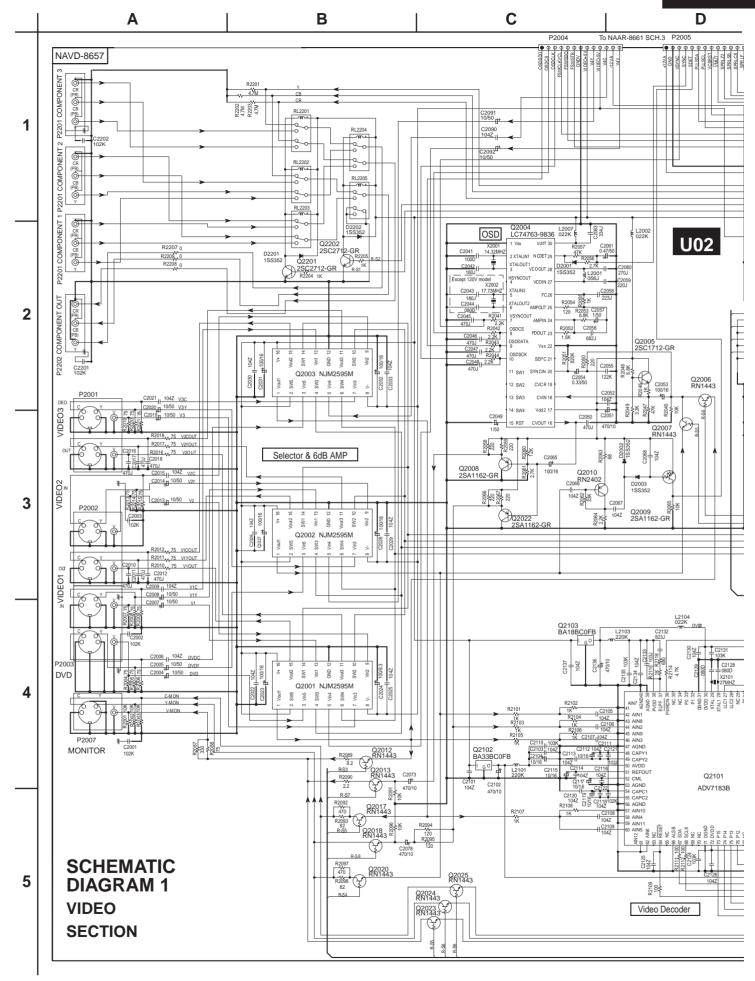


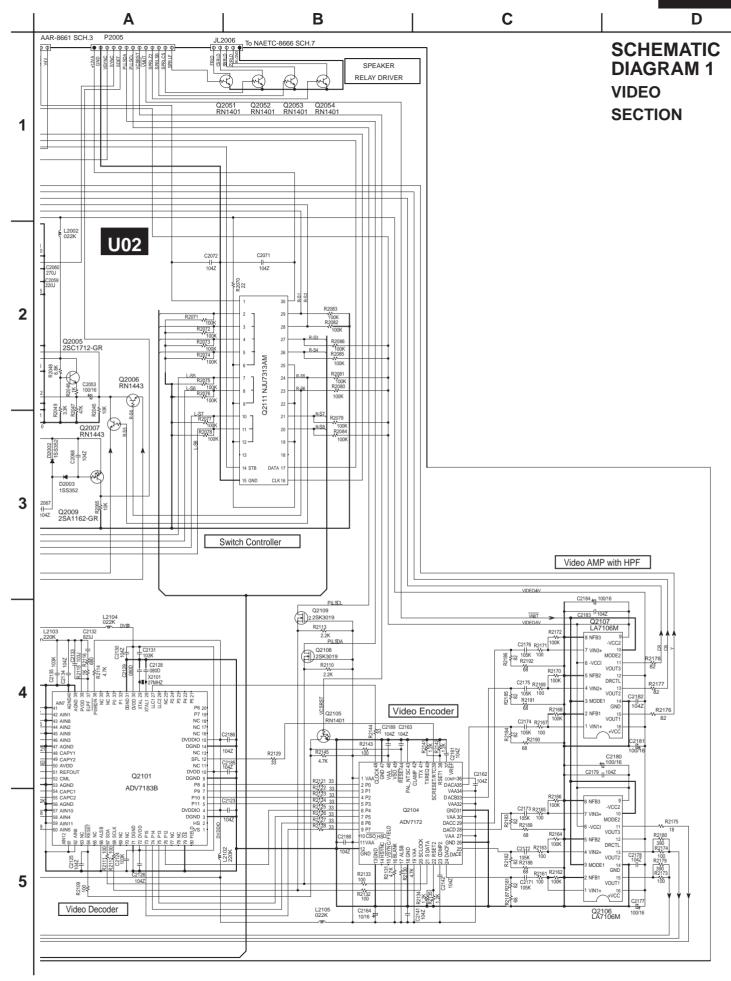


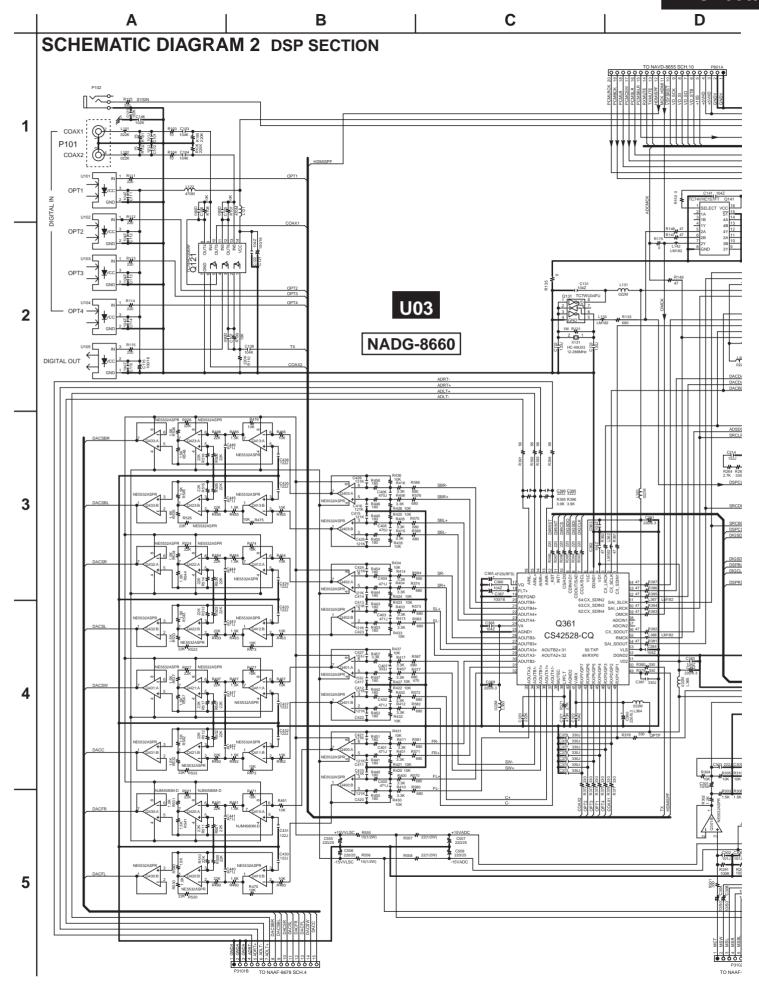


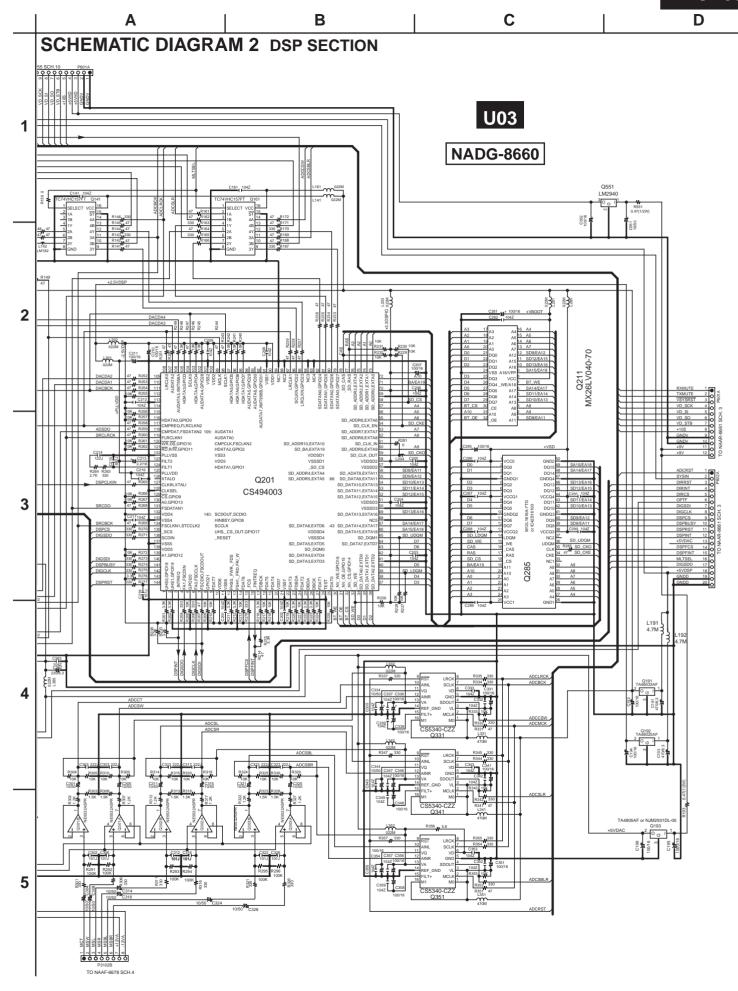


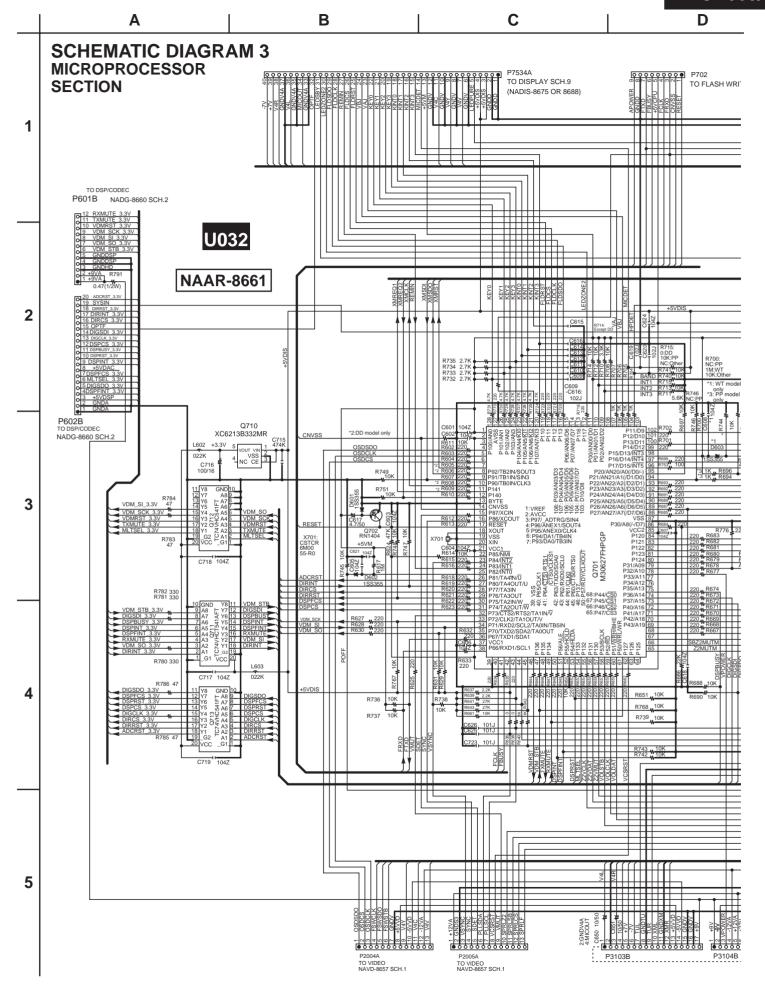


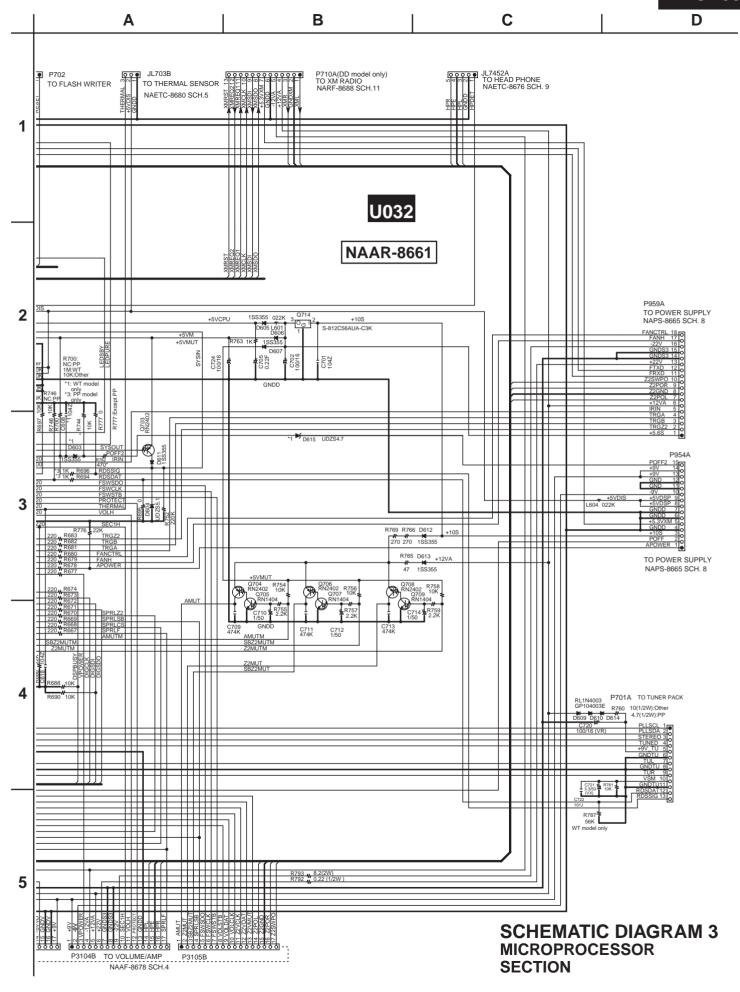


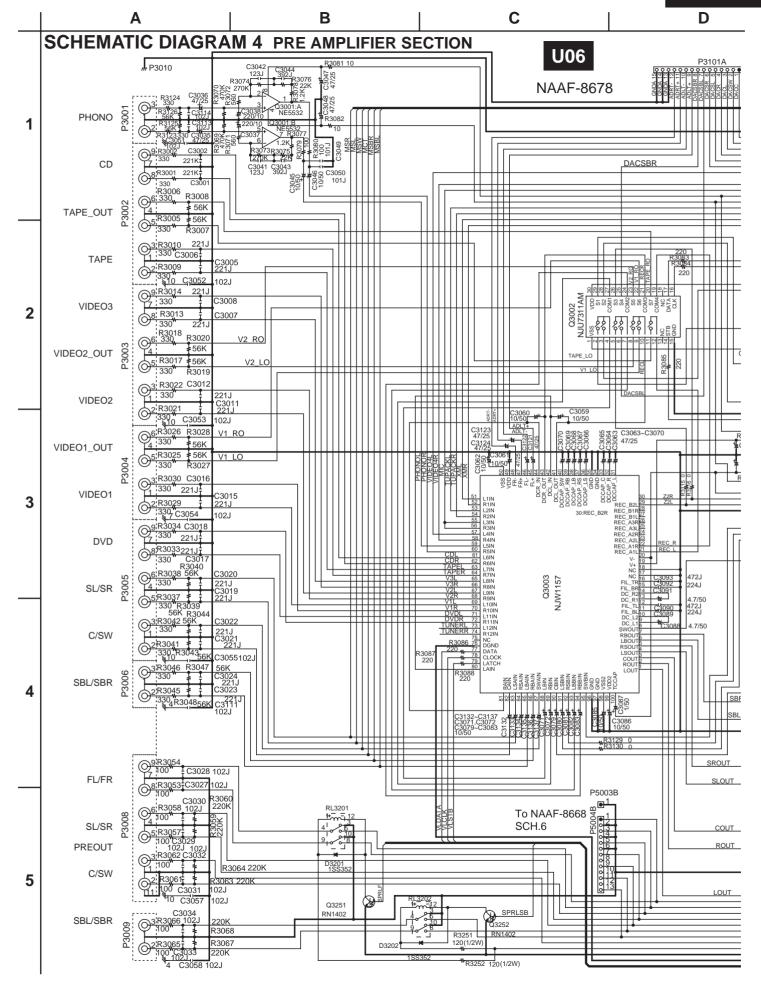


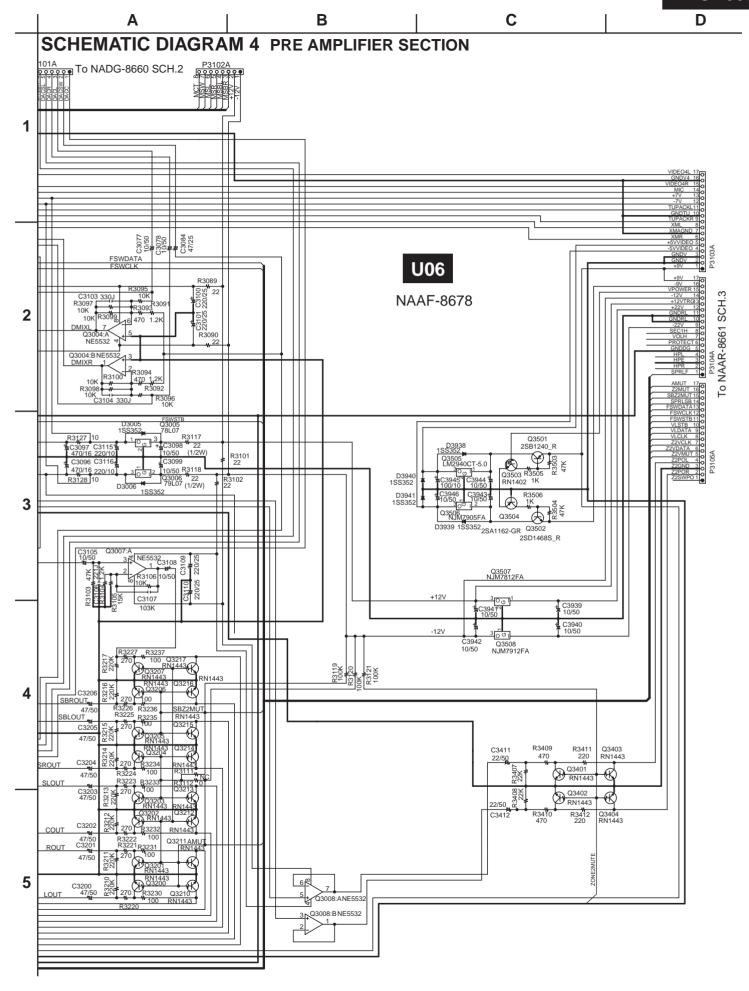


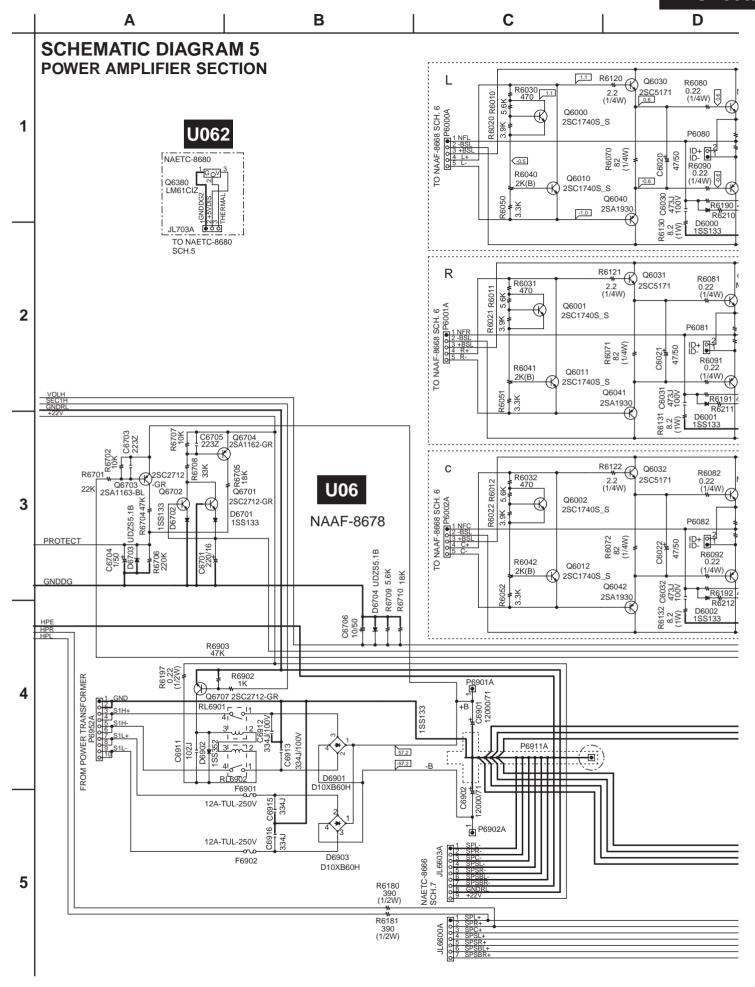


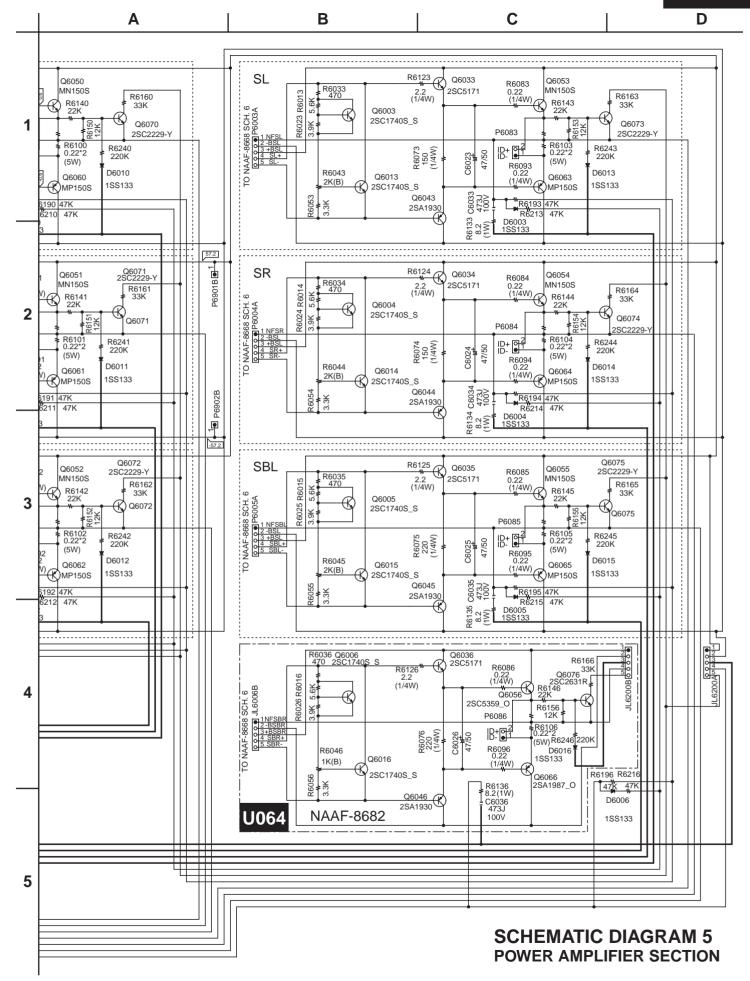


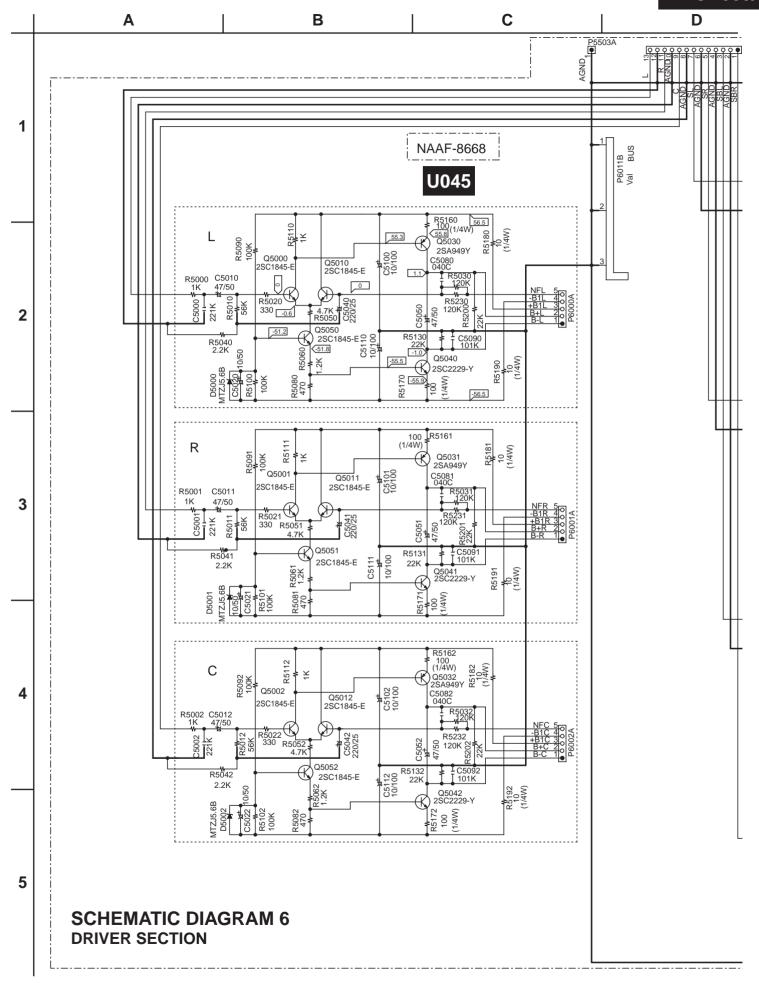


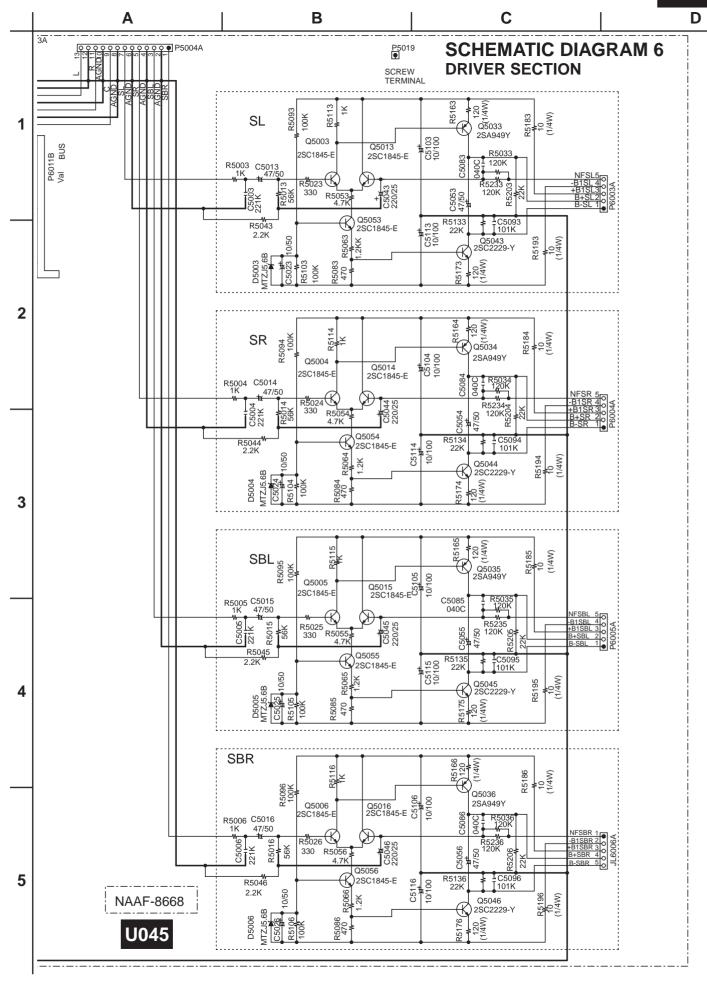


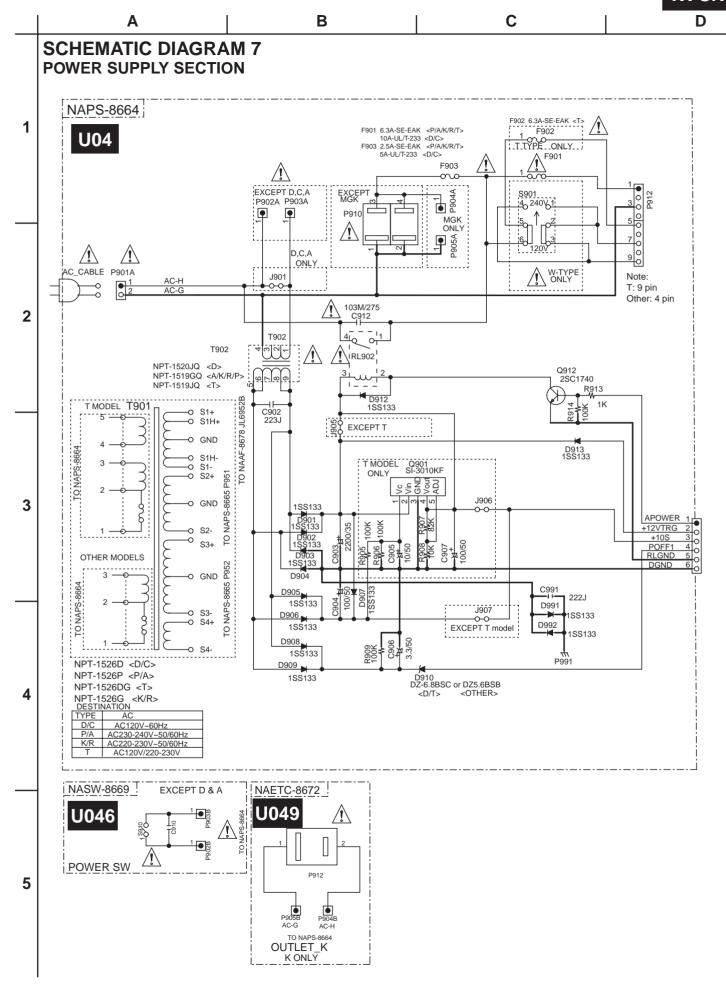






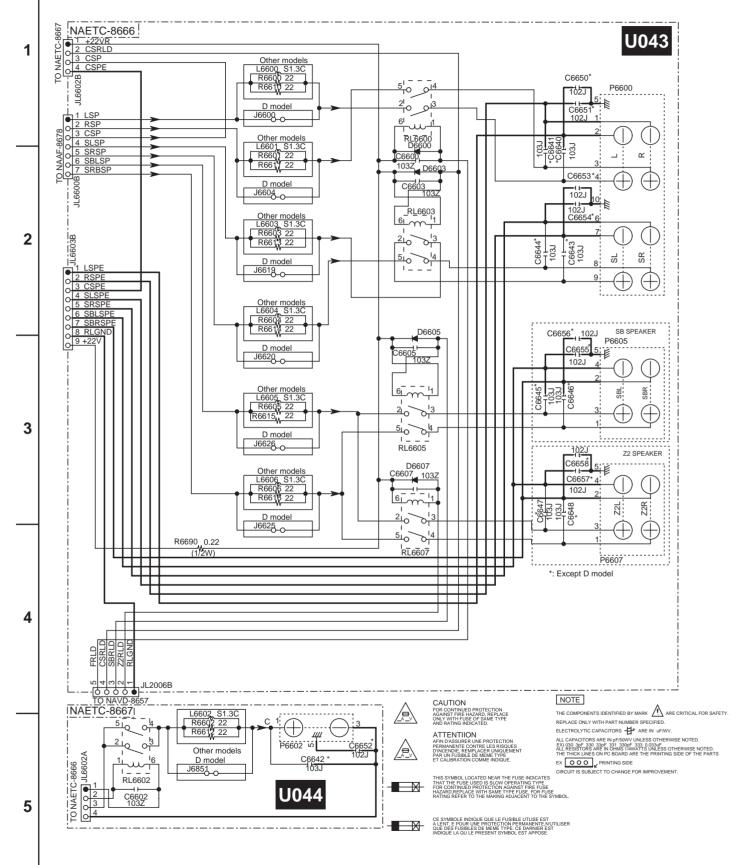






| A | B | C | D

## SCHEMATIC DIAGRAM 7 POWER SUPPLY SECTION



Q958

Q955 2SD1858 2SD1858

FAN POWER Q960 2SC1740S

-5VDSP

-VP FLAC2 FLAC<sub>1</sub>

KRC102M

Q956 KRC102M

В C **SCHEMATIC DIAGRAM 8 POWER SUPPLY SECTION** 1 NAPS-8665 U042 R951 D951 2.2 (1/2W) 1SS133 D952 R952 TO\_MOTHER 22 1SS133 (1/2W) C953 F951 D953 2 Q951 LM2940CP-5.0 10000/16 6.3A-SE-EAK D10XB60H C951 **BROWN** C954 S2+ D961 BLACK RN1N4003 C952 9VVD APOWER BROWN 3300/16 D962 J952 R966 0.22 (1/2W) RN1N4003 C973 470/16 D959 RN1N4003 F952 6.3A-SE-EAK Q952 R956 33 (1/4W) **GNDRL** GNDD 3 (1/2W) W S812C53 F931 1.6A-SE-EAK RN1N4003 Q957

RN1N4003

102

D957 R963 22 220/50 RN1N4003 (1/ R962 2, 2) 2067 2, 2

D956 RN1N4003

(1/2W)

GRAY WHITE

¥ R961

4.7 (1/2W) <D>
6.8 (1/2W) <T>
(1/2W) 1
OTHER 9.1

–0√0 F932

1.6A-SE-EAK

o 3 S3- GRAY o 4 FLAC1ABLUE o 5 FLAC2A BLUE

RN1N4003

R970 GNDA (1W)

R971

1000/35 (1/2W)

C966

22 | S | Q954 (1/2W) 2SA965-Y

C969 47/50

MTZJ33D D958

R946 (¥)

10

(1/2W)

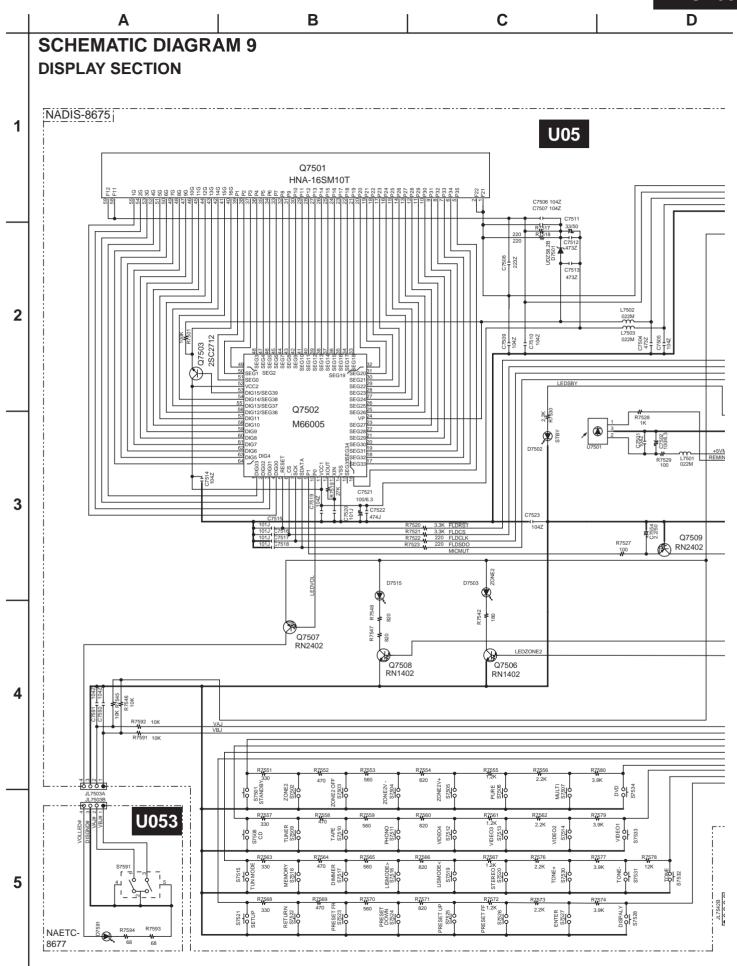
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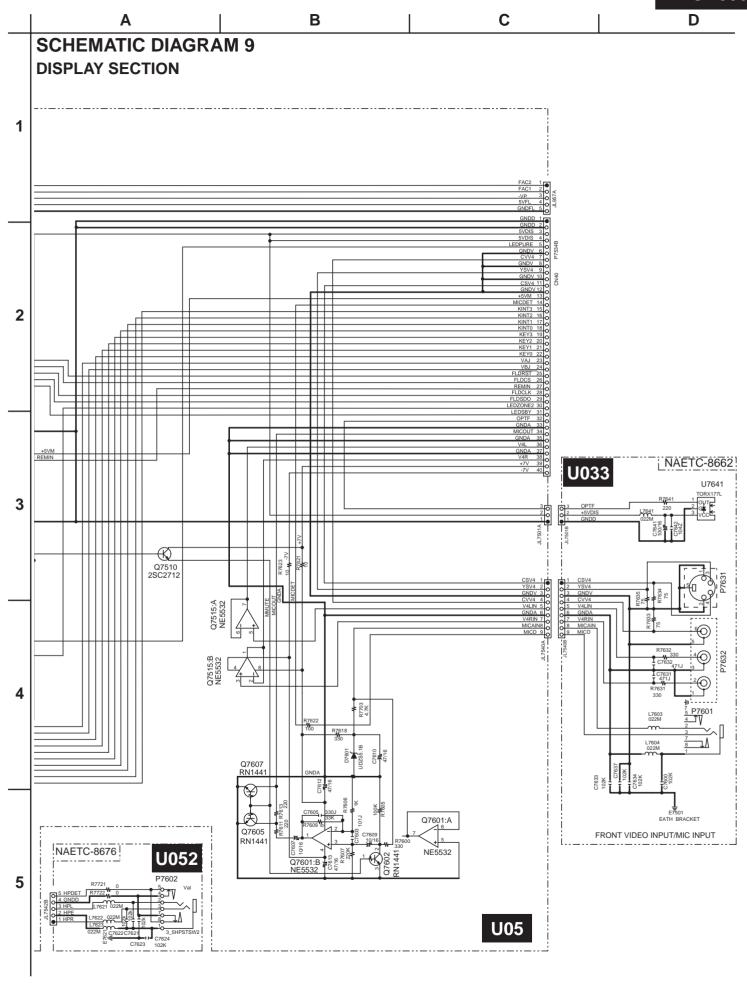
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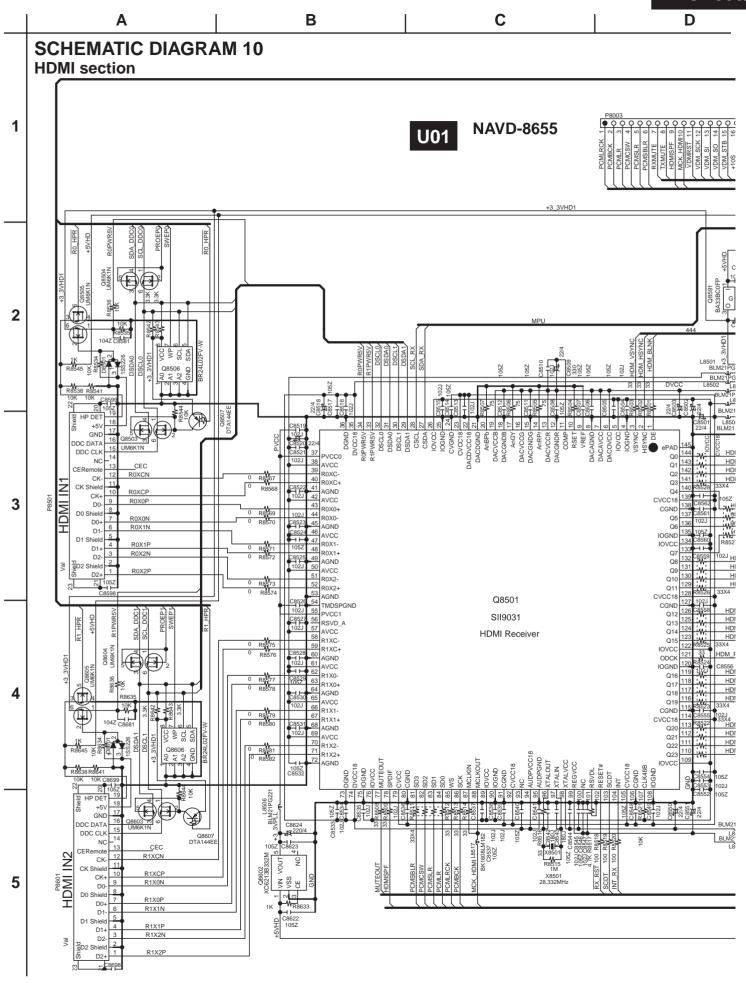
В C **SCHEMATIC DIAGRAM 8 POWER SUPPLY SECTION** 1 RS-232C EXCEPT D/A Q5501 ICL3221ECVZ R5506 R5505 C5503 L5501 022M <sub>W</sub> 10k FORCEOFF EN 223Z VCC GND C5507 .17 <sup>2</sup>07<sub>0</sub> R5503 T1OUT Č1-R5504 1/50 RS-232C 12 FORCEON C2+ 330 232TXD P954B TO\_MOTHER T1IN 10 INVALID 9 R1OUT C5506 330 R5508 330 R5502 232RXD # R1IN 330 1/50 2 50 P5504 12VTRGZ2 Q5502 2SB1240 R5511 3.9 D5501 D5502 JL911B TO\_PS1 U042 1SS355<sub>R5514</sub> 3 NAPS-8665 R5510 100 W P5505 D5508 IRLED IRIN B J5508 Q5505 RN1202 -0-0-\_O\_O\_ J5505 J5507 IROUT P955 C2515 C5525 C5511 100/16 4 U5501 C5508 1 102J 022M L5502 JL957B P5505 C5514 GNDS 3 102K 5

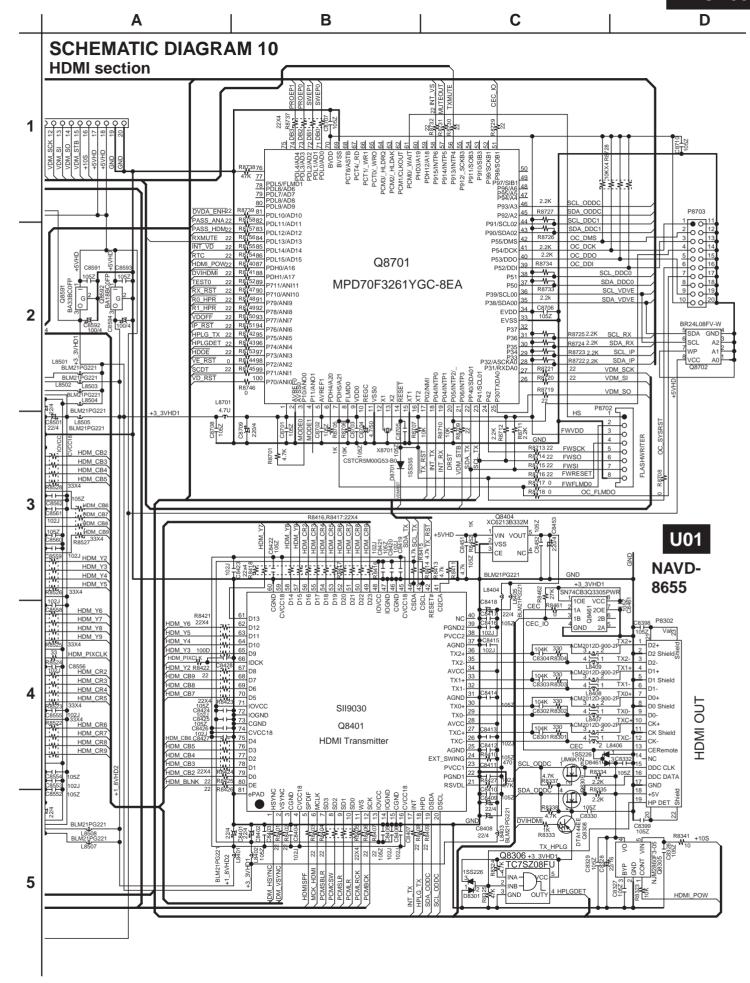
E5501

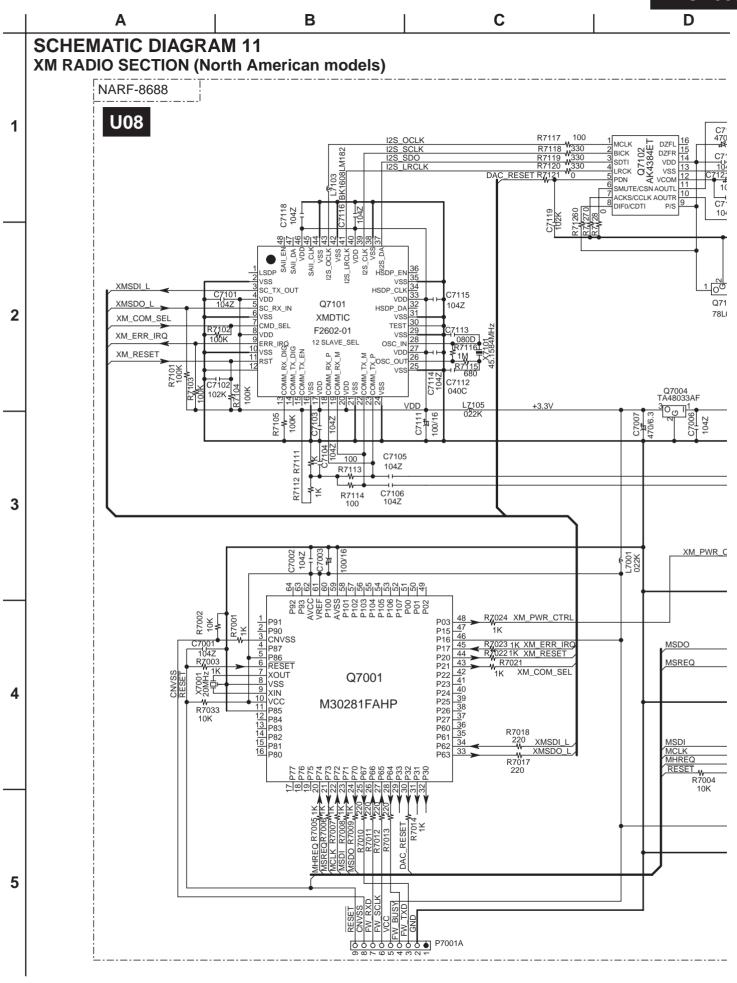
TO\_MOTHER P959B

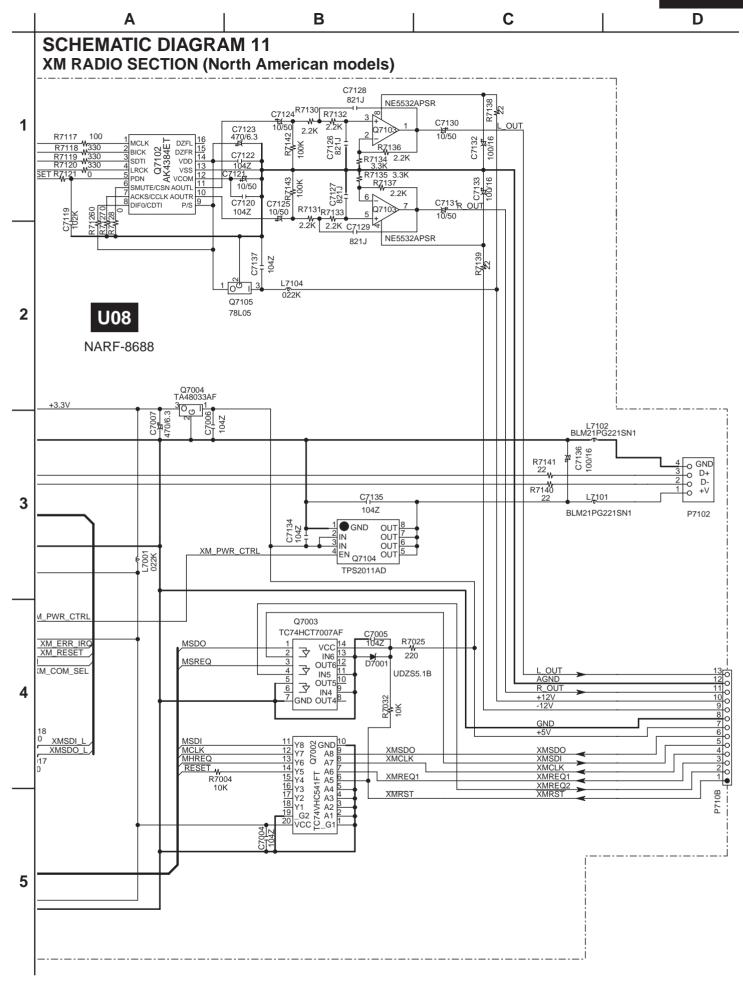


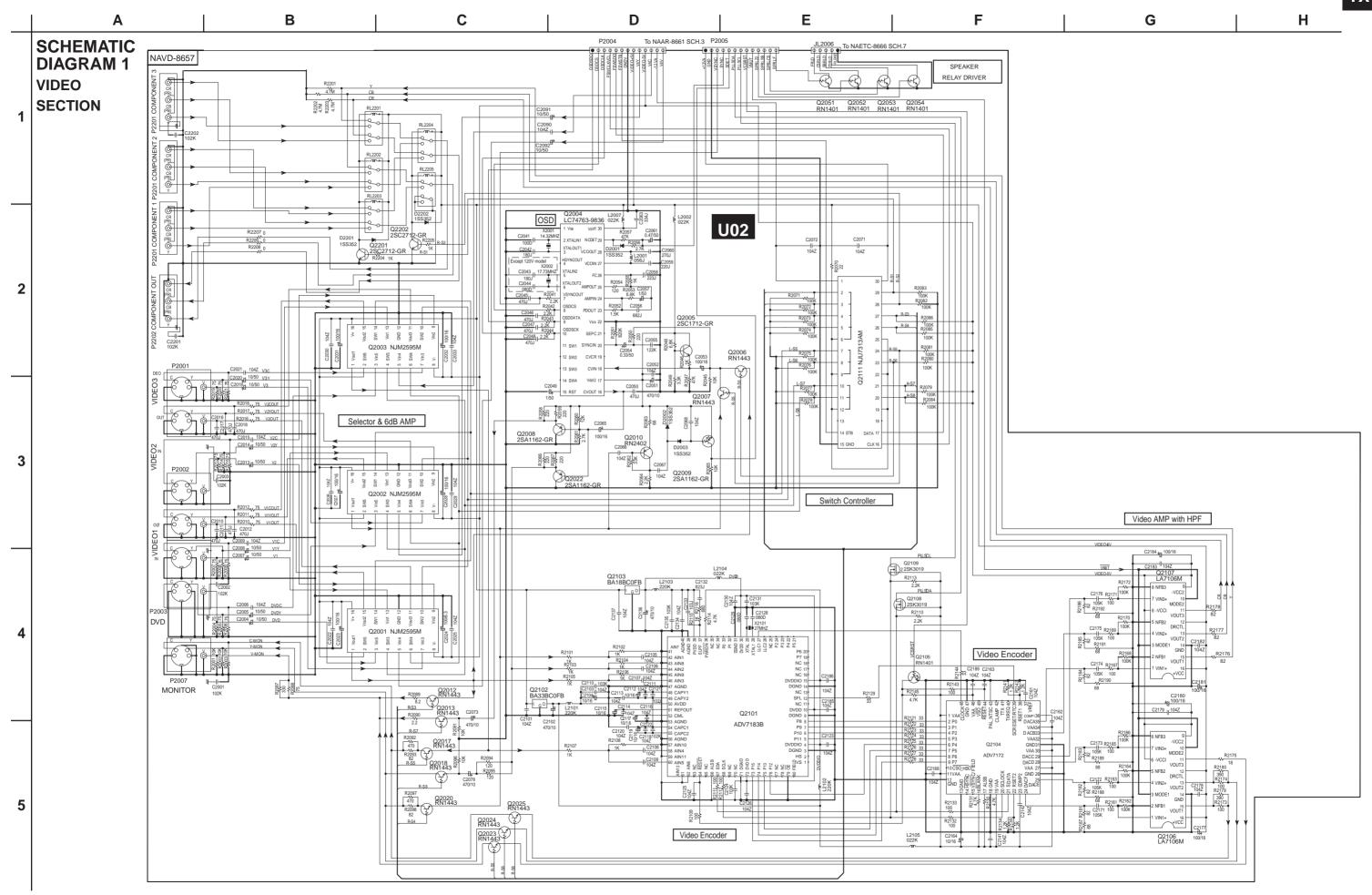


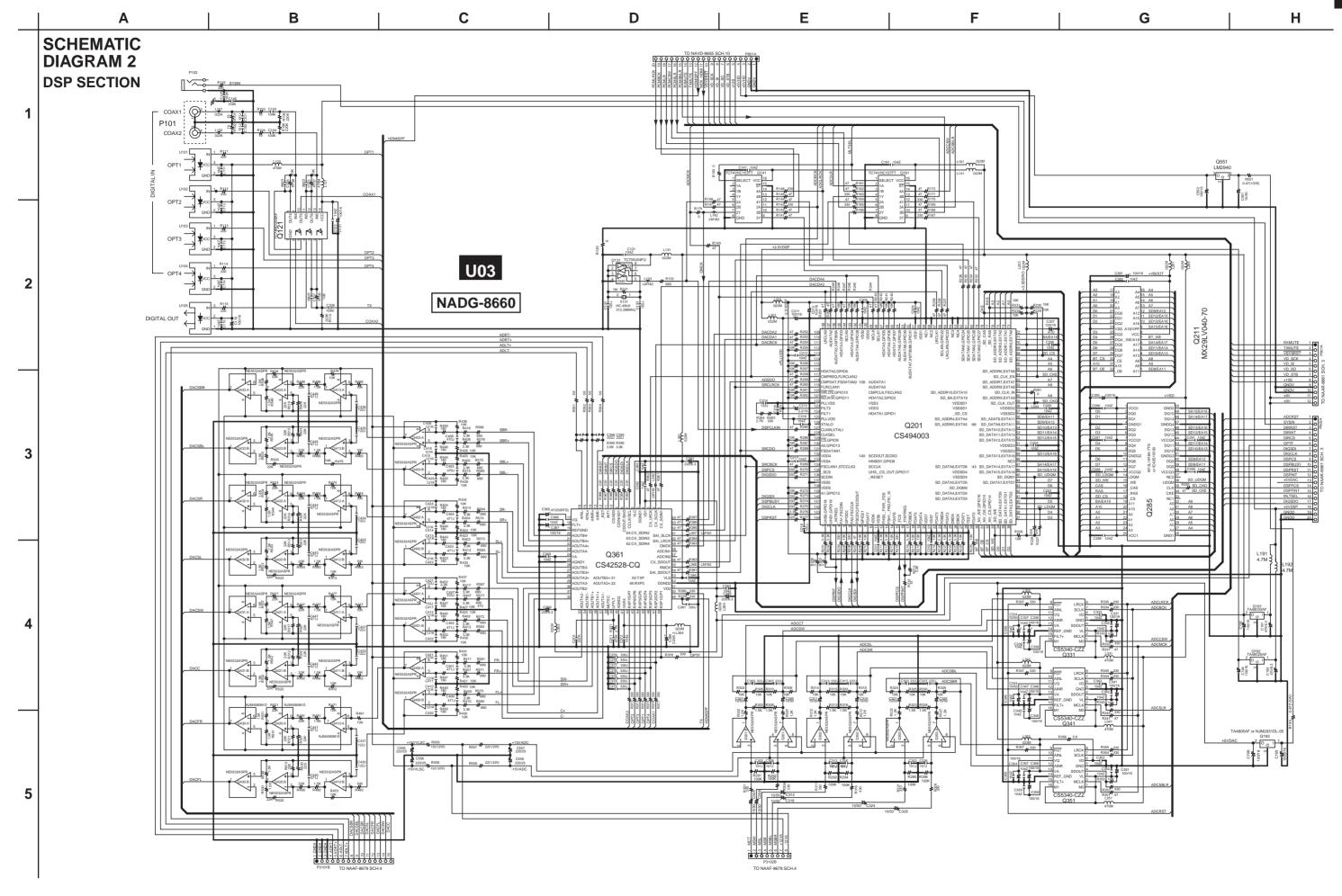


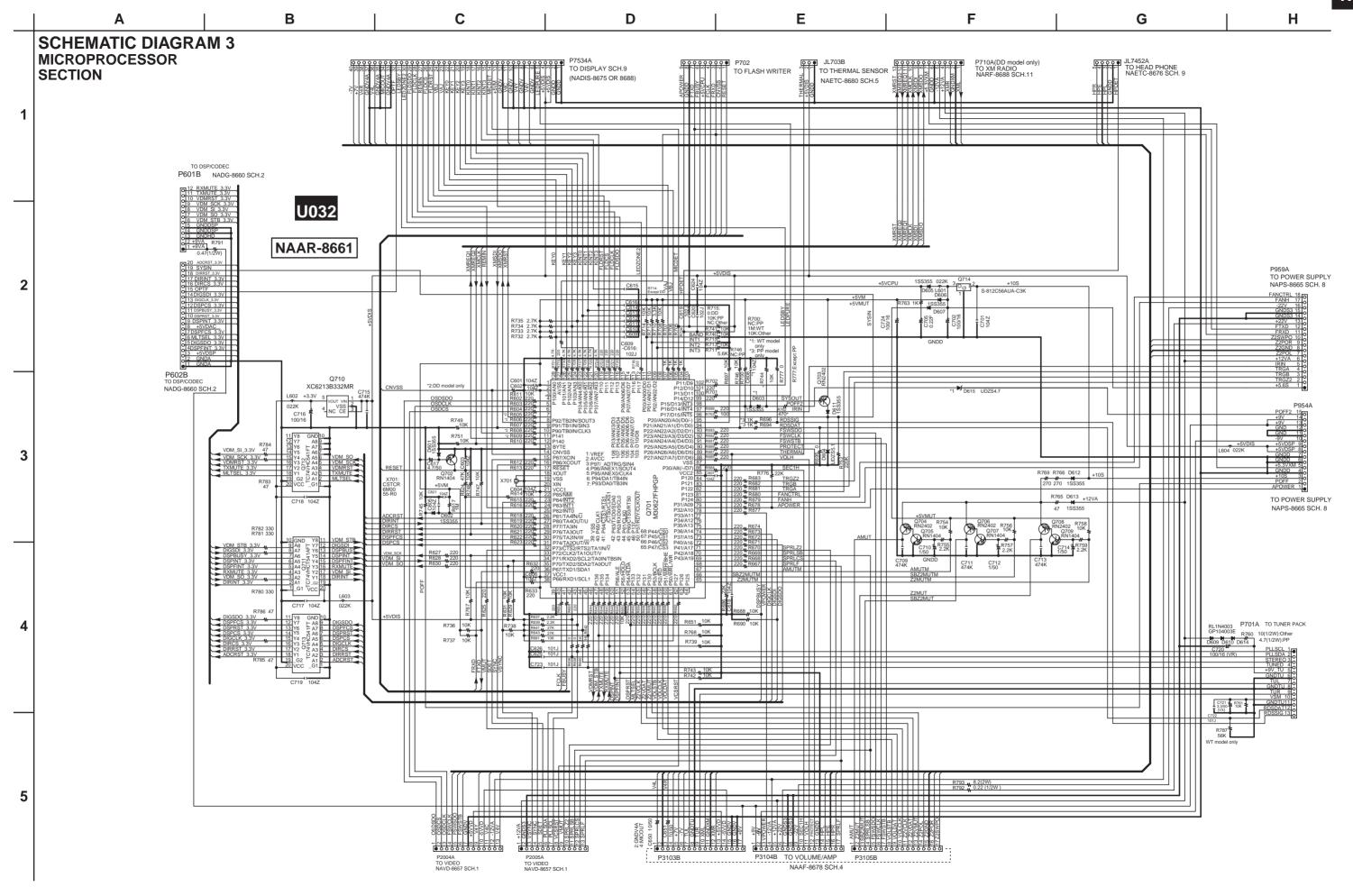


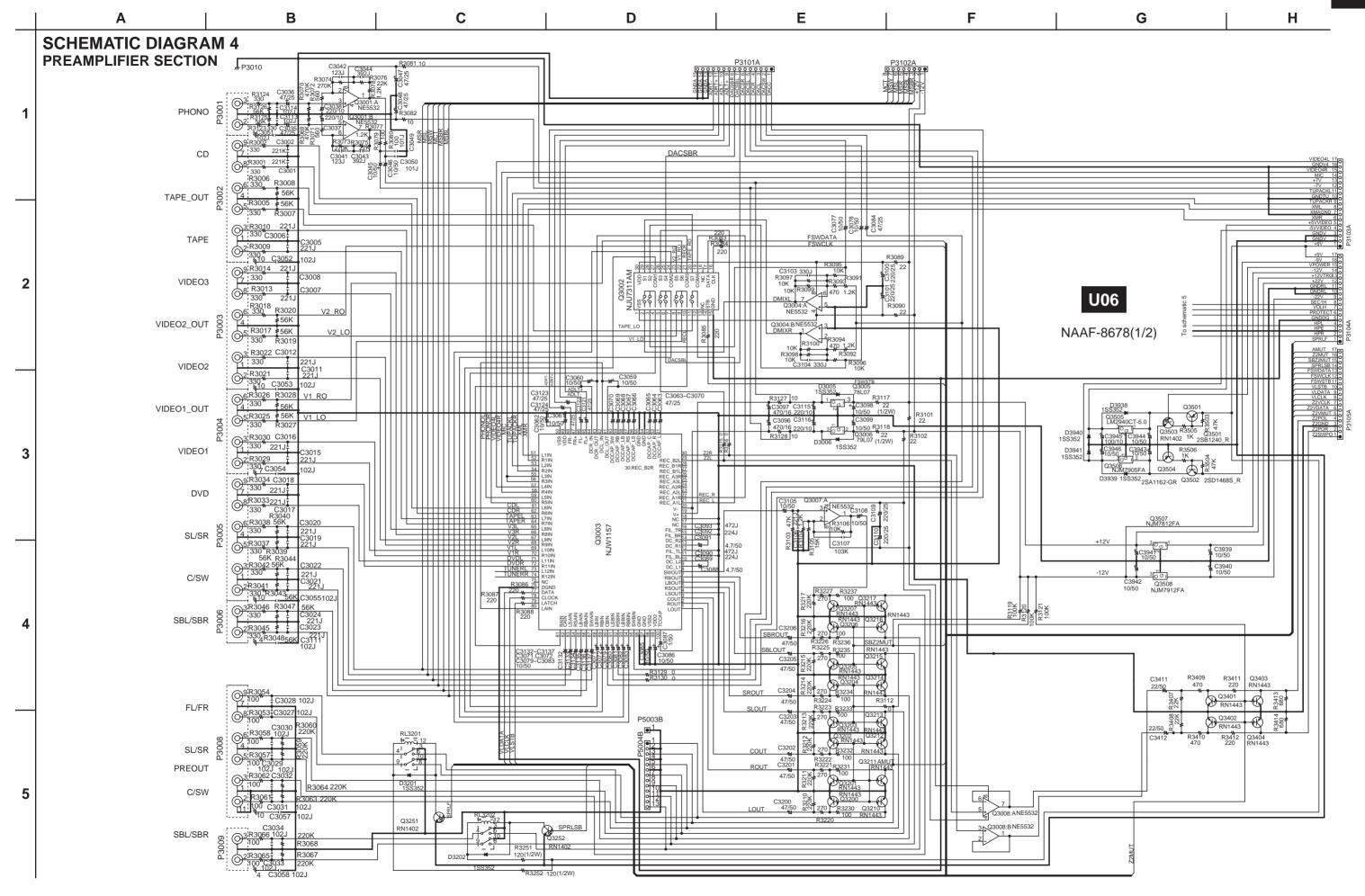


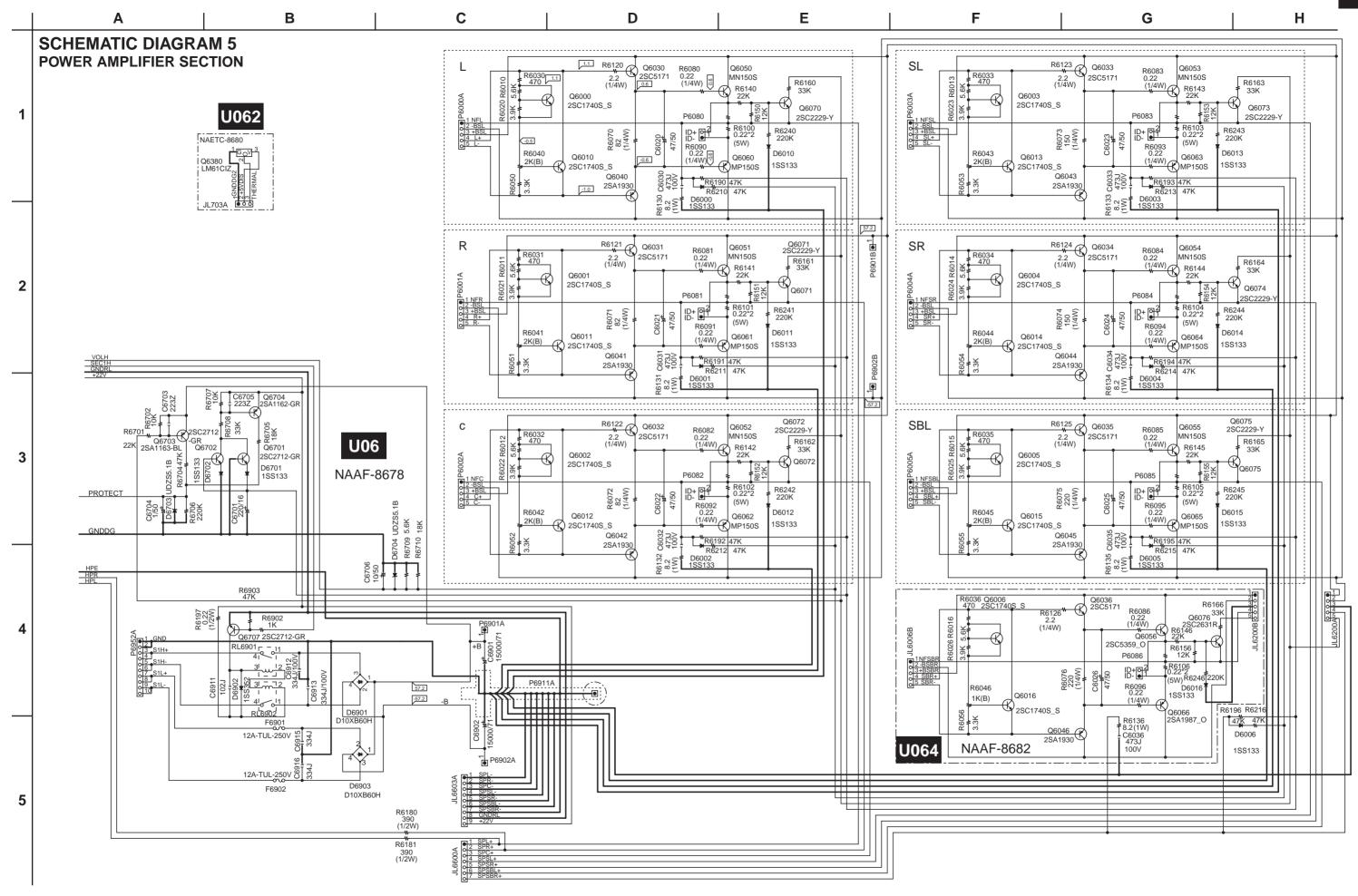


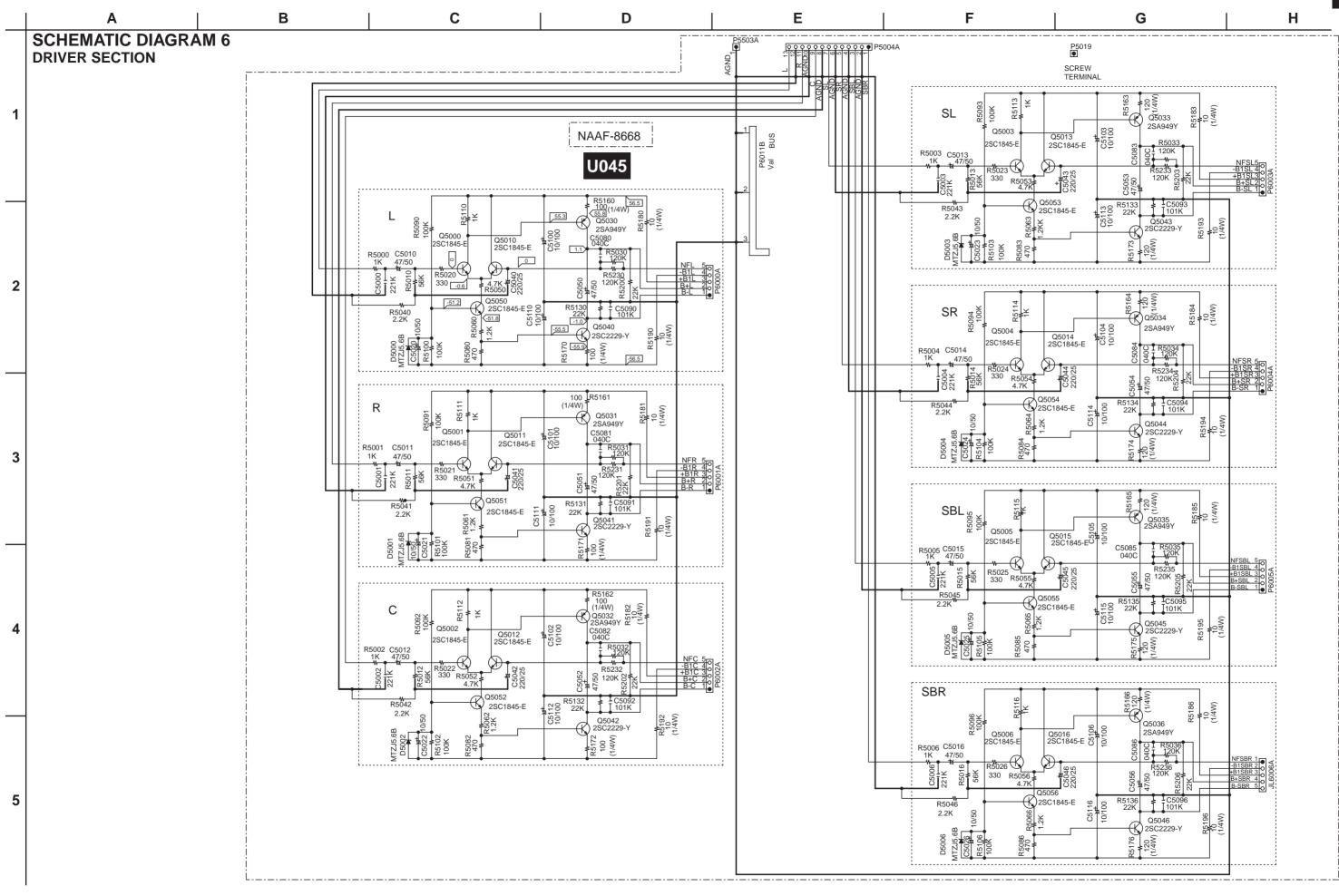


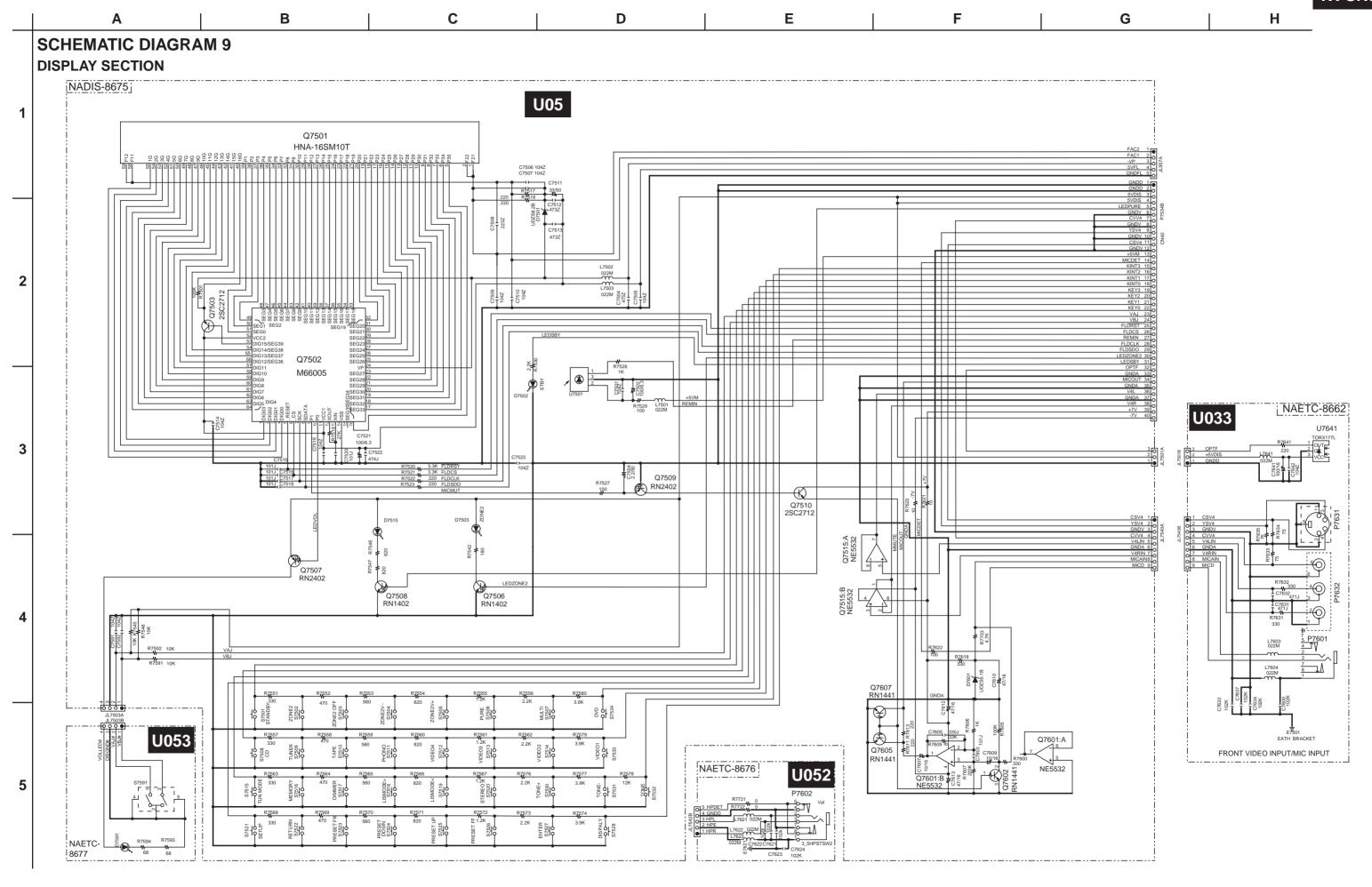






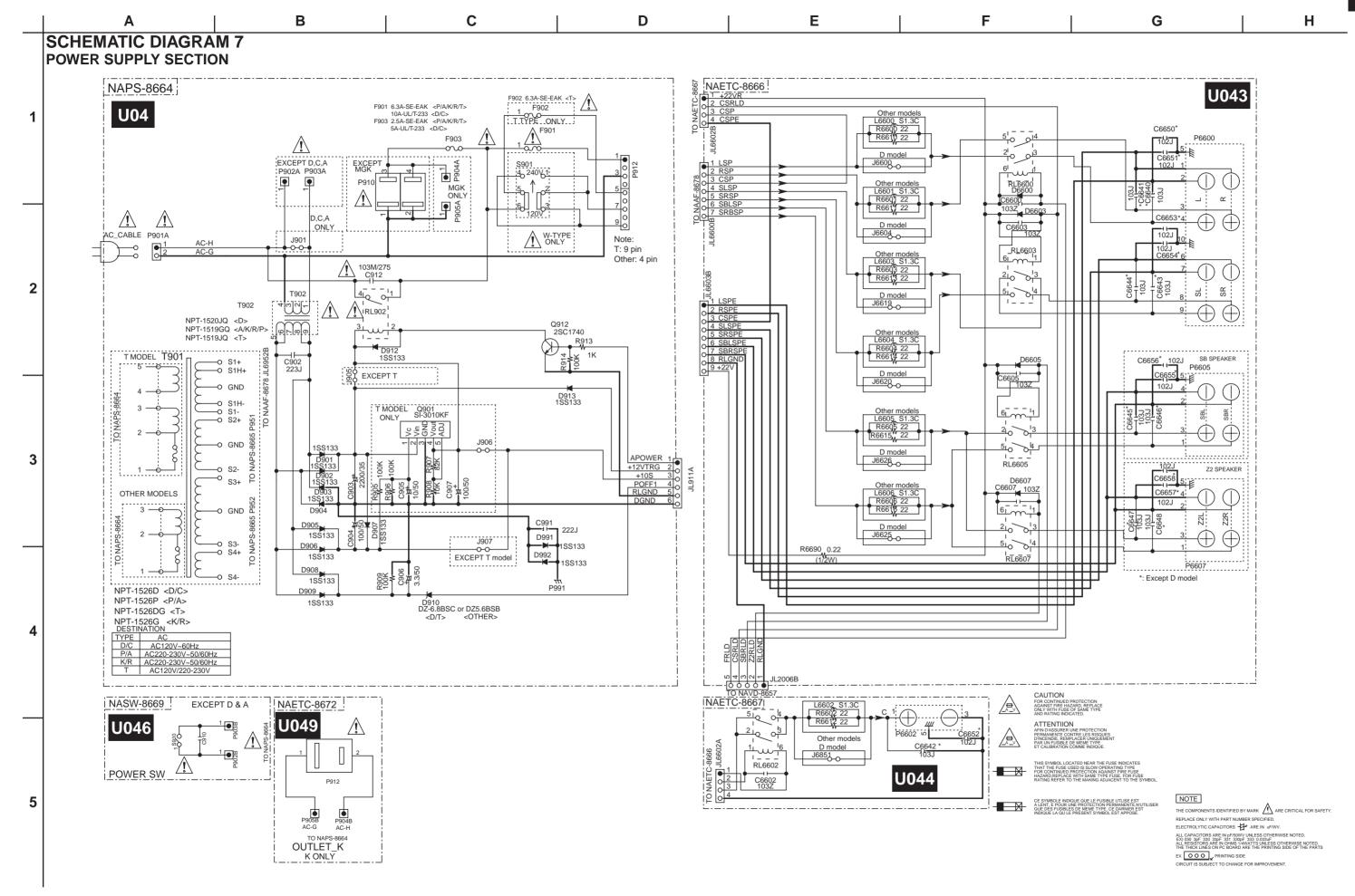


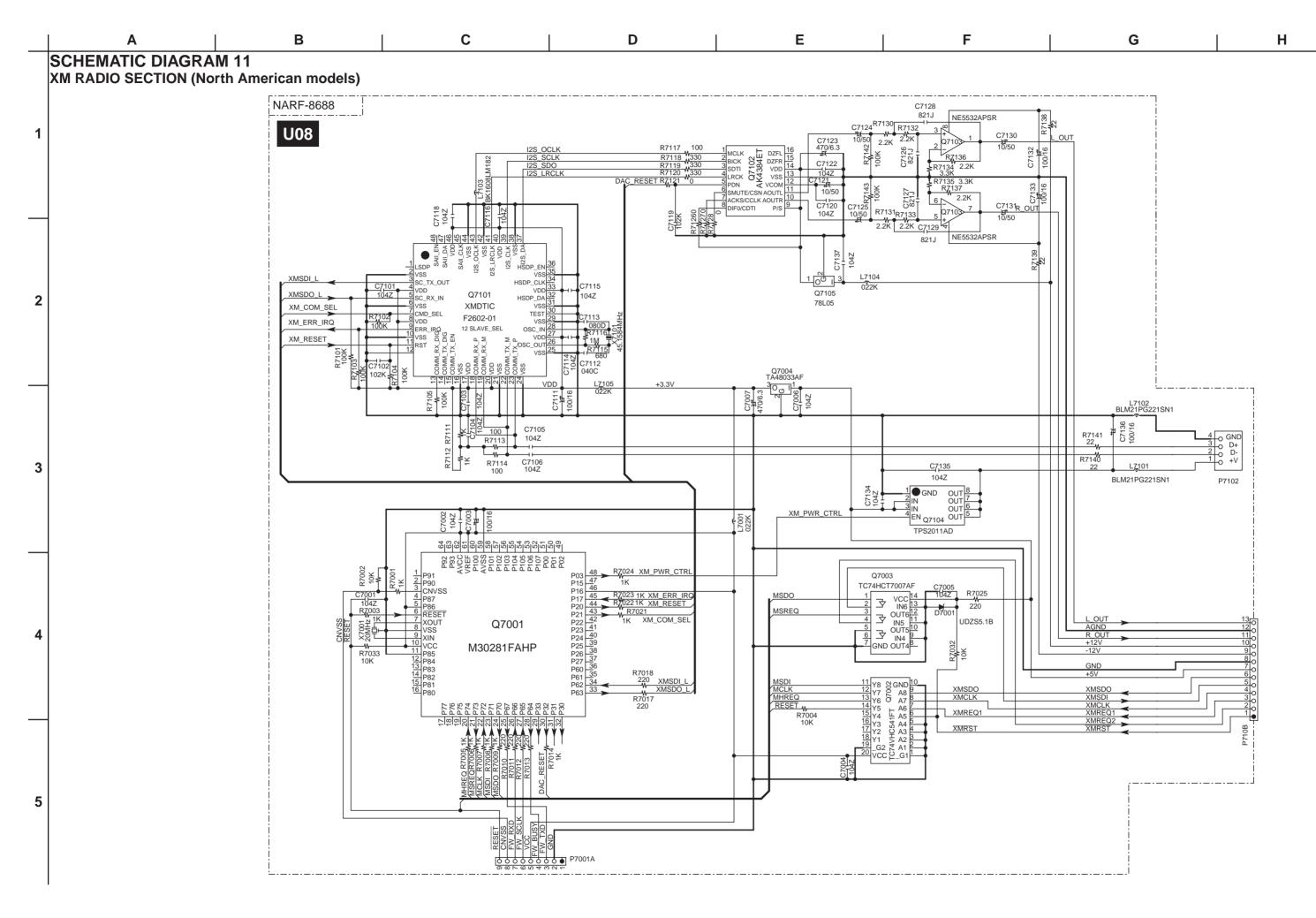


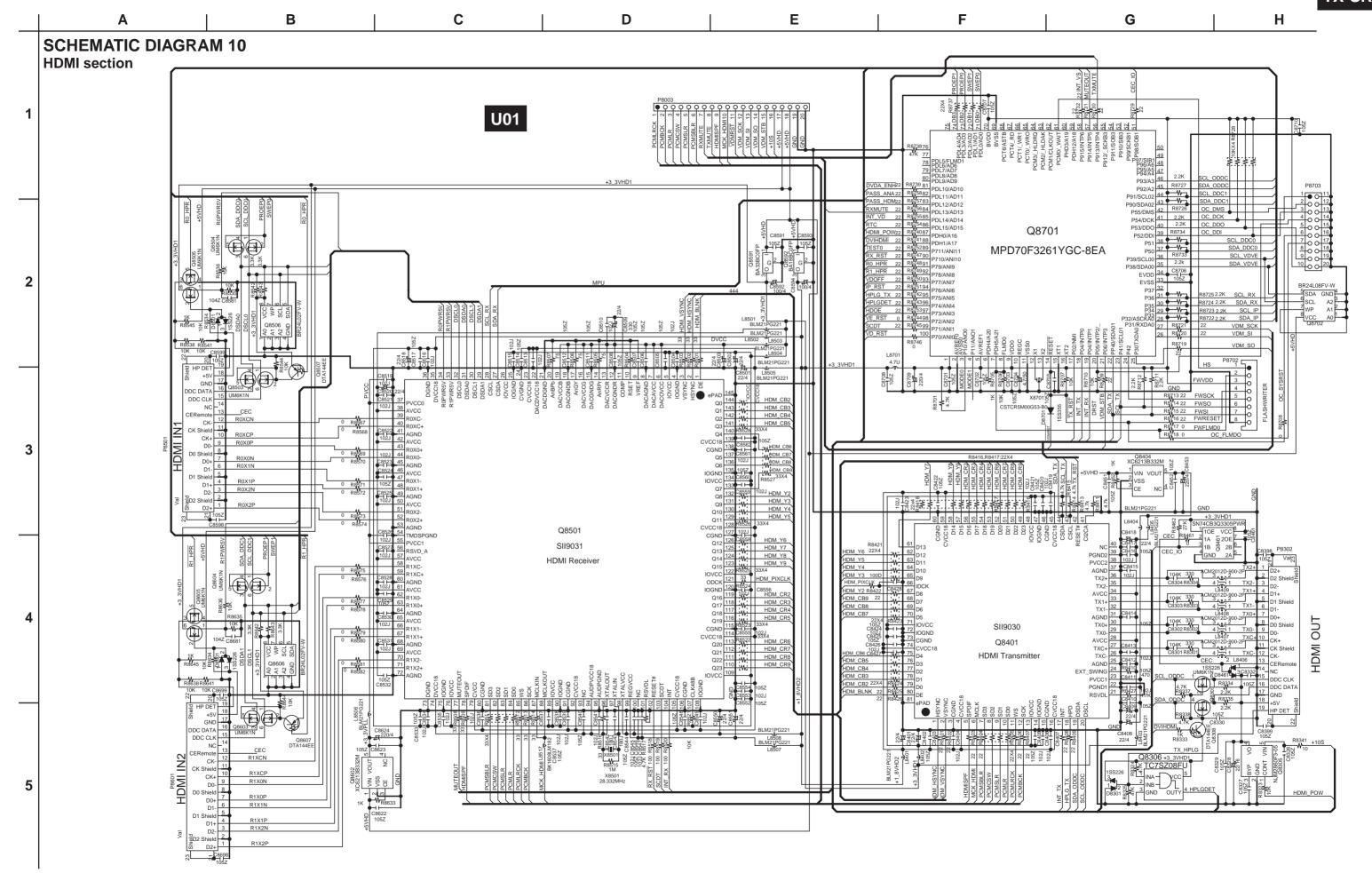


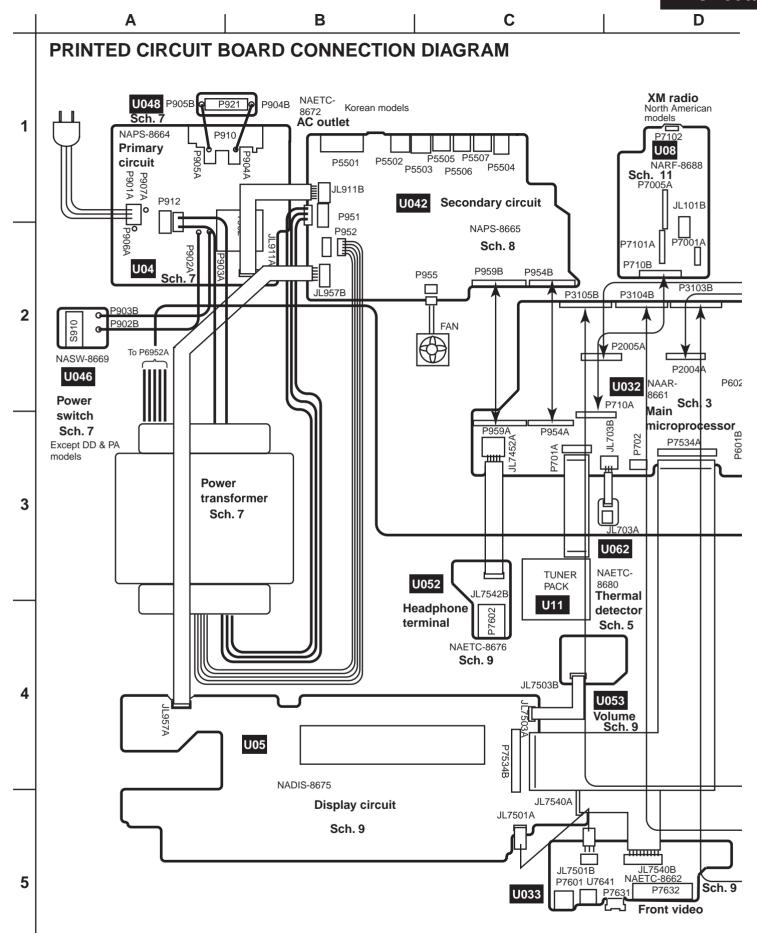
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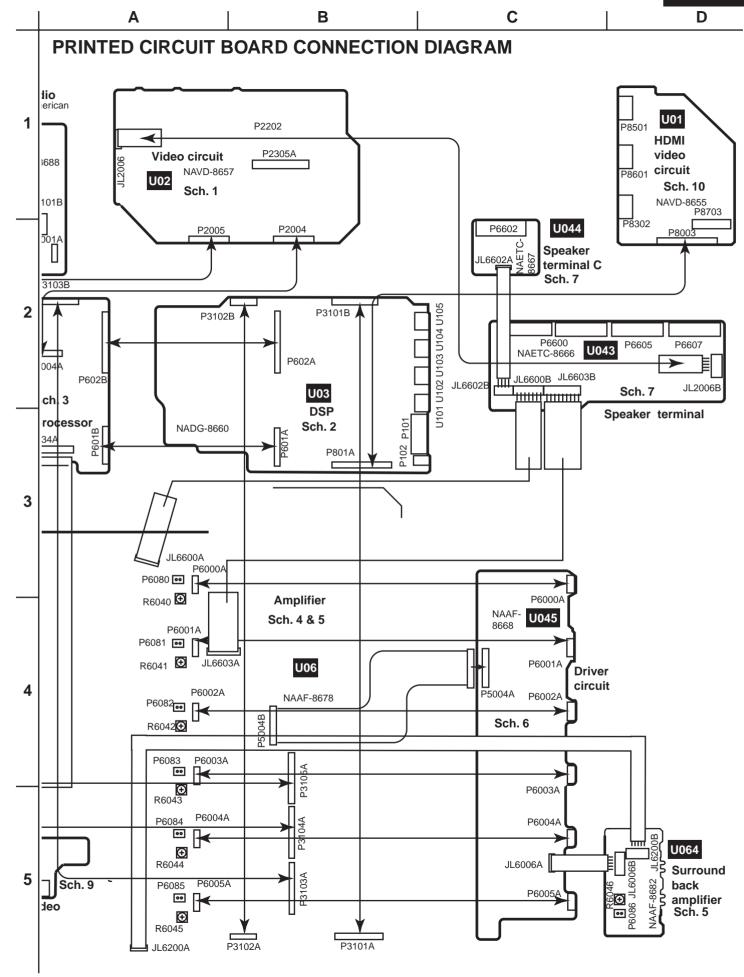
В C D Ε F G **SCHEMATIC DIAGRAM 8** POWER SUPPLY SECTION NAPS-8665 U042 RS-232C EXCEPT D/A Q5501 ICL3221ECVZ R5505 L5501 022M R951 2.2 D951 (1/2W) 1SS133 232TXD 2.2 (1/2W) 232RXD R5502 W 330 1/50 F951 6.3A-SE-EAK D953 LM2940CP-5.0 Q951 D10XB60H GNDD 10 2 3 0 12VTRGZ2 BROWN 1 S2+ 2 0 3 S2-0 4 RN1N4003 APOWER Q5502 2SB1240 D962 J952 RN1N4003 F952 6.3A-SE-EAK D959 RN1N4003 Q952 Q952 Q952 Q952 1 GO D5501 D5502 1SS355<sub>R5514</sub> Q5505 RN1202 ∏ IRIN B R970 2.2 GNDA <sup>(1W)</sup> C966 R971 2.2 1000/35 (1/2W) FAN POWER Q960 2SC1740S Q956 U5501 1 **(** P5505 GNDS C5514 -102K E5501

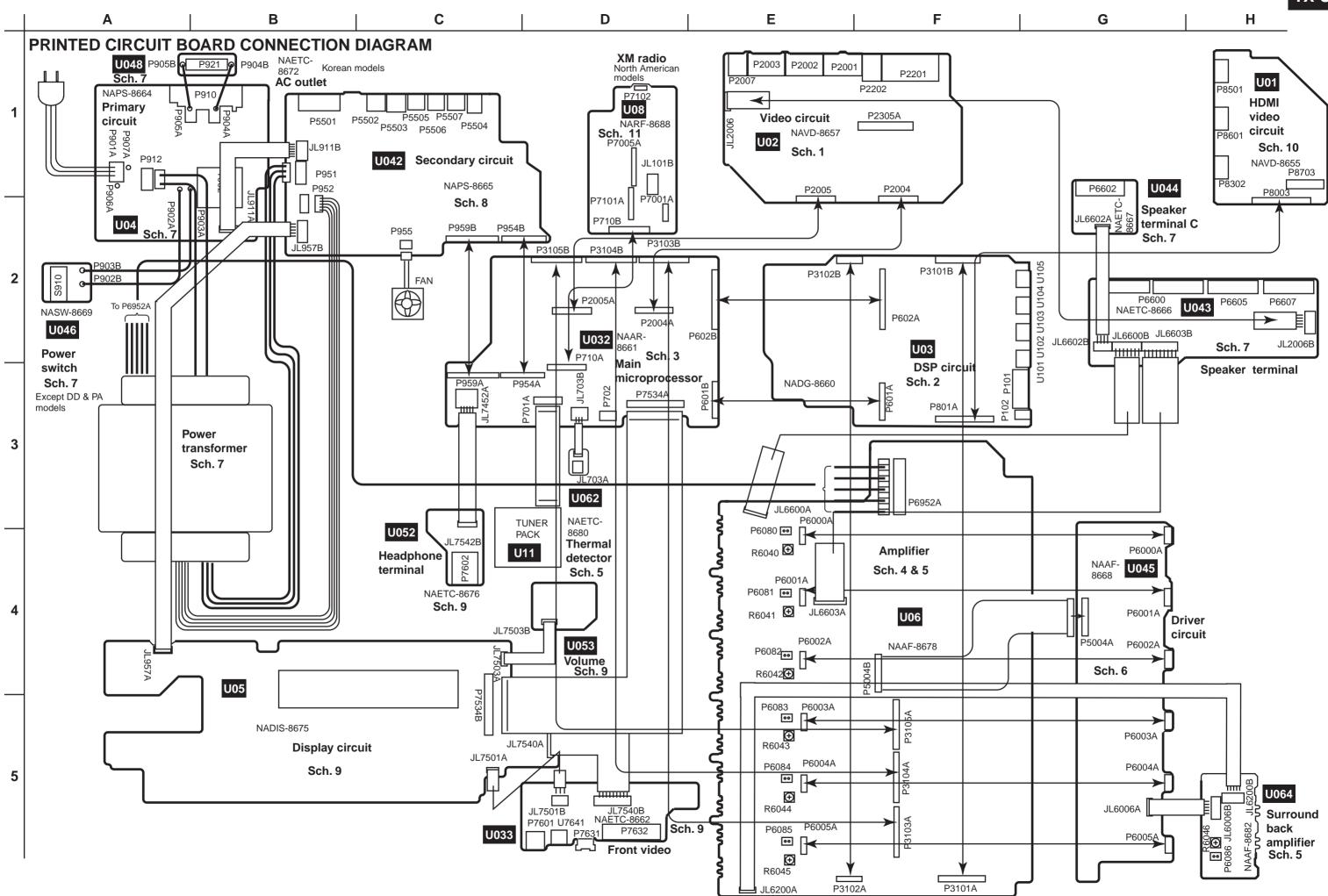


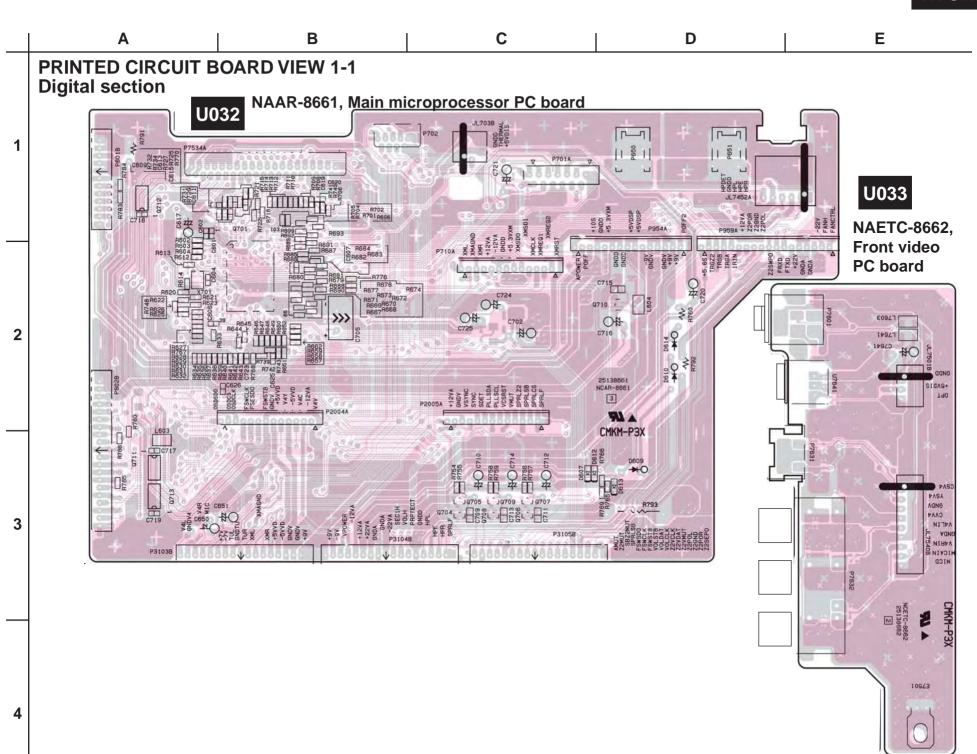


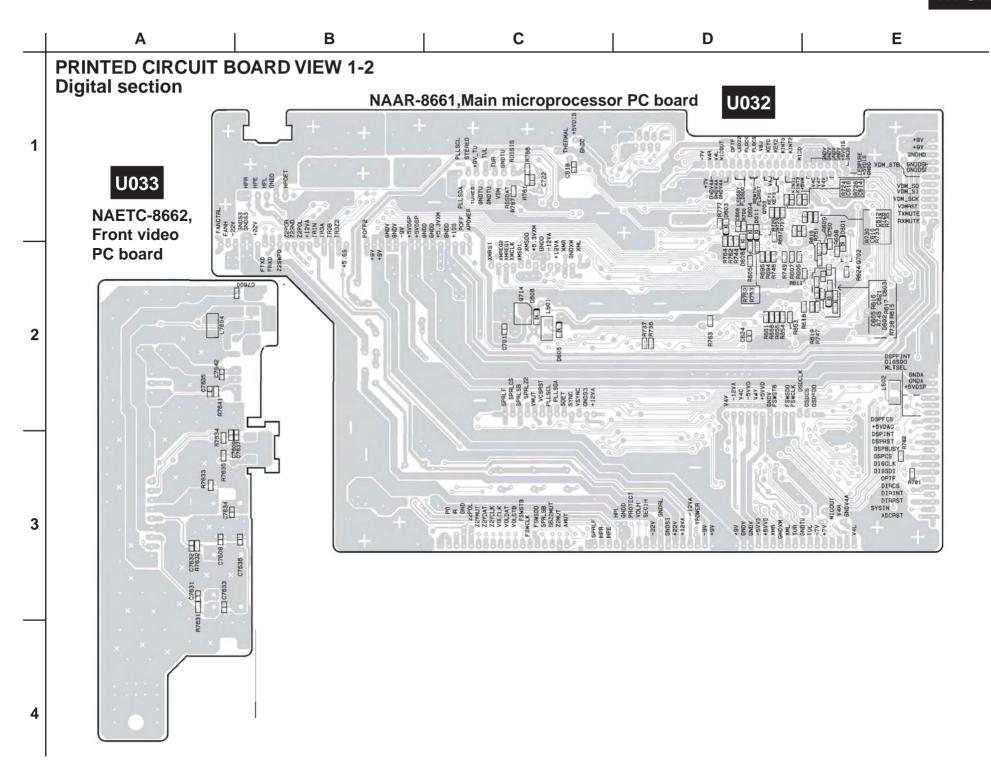












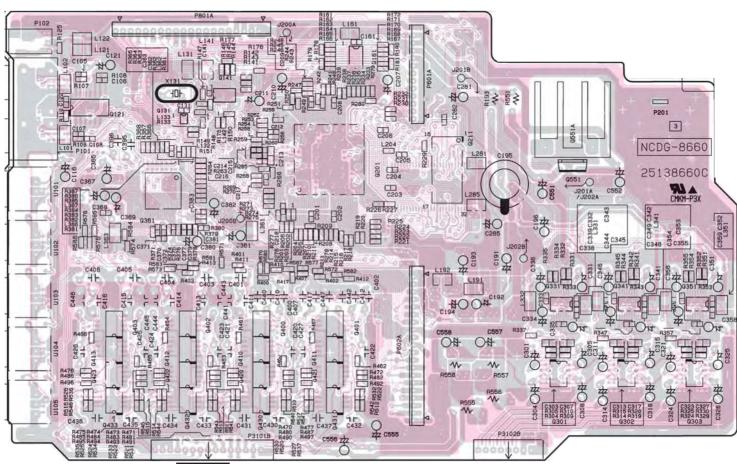
| A | B | C | D | E

# PRINTED CIRCUIT BOARD VIEW 1-1 Digital section

1

2

3



NADG-8660, DSP circuit PC board

**U03** 

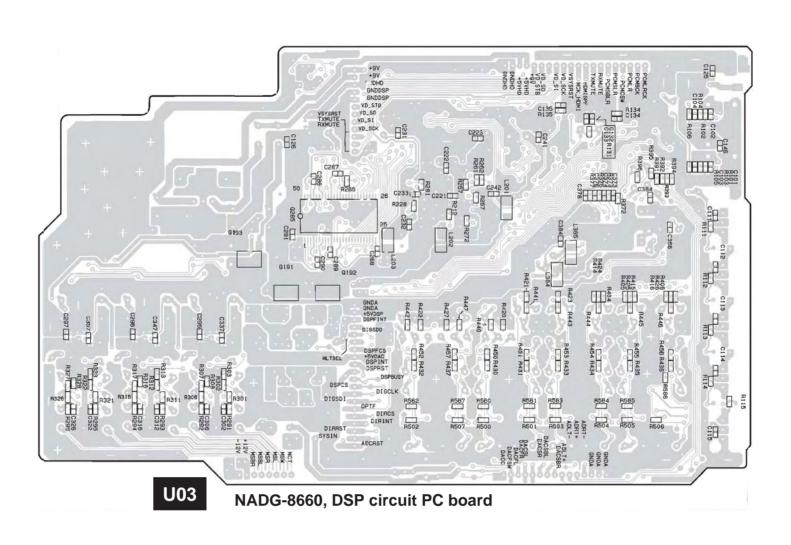
| A | B | C | D | E

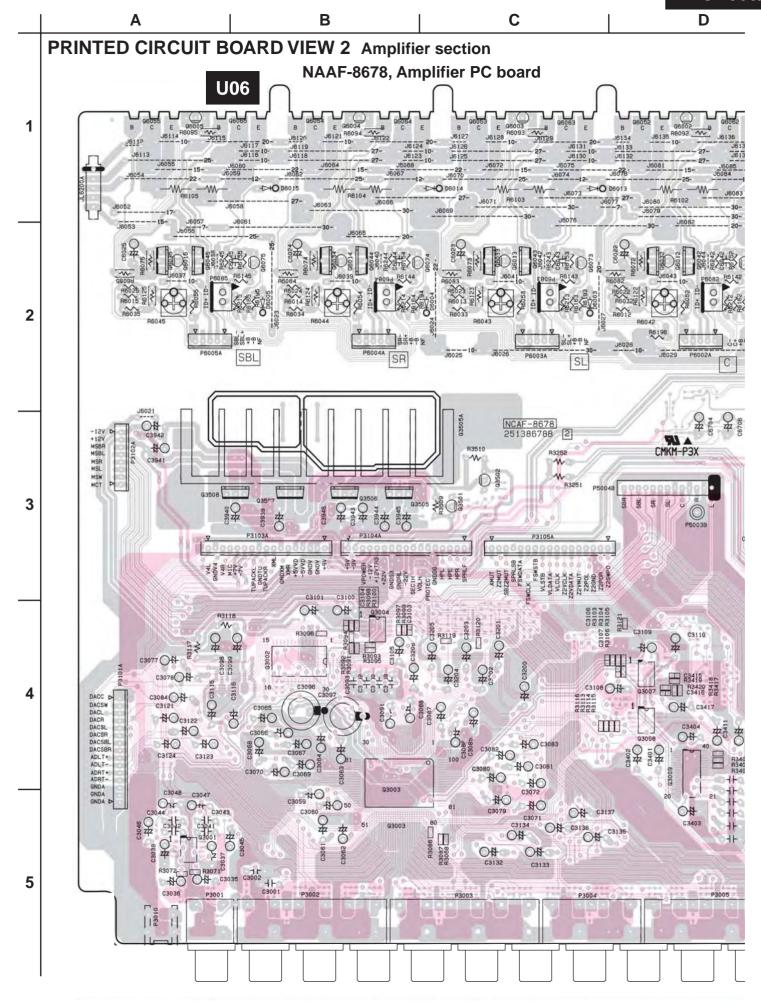
# PRINTED CIRCUIT BOARD VIEW 1-2 Digital section

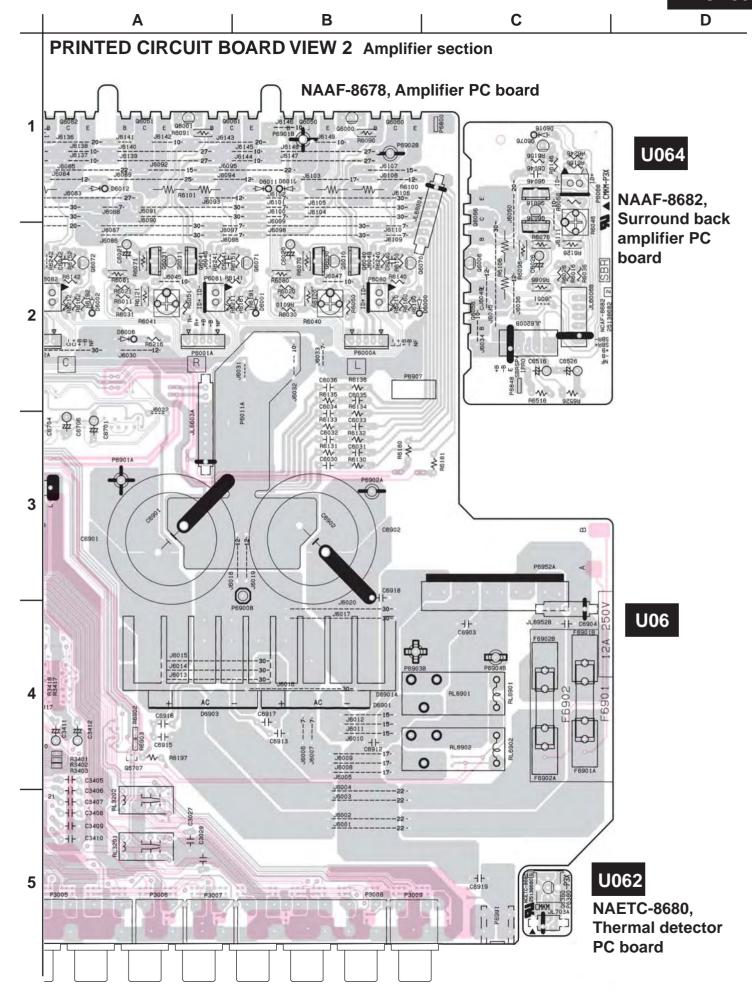
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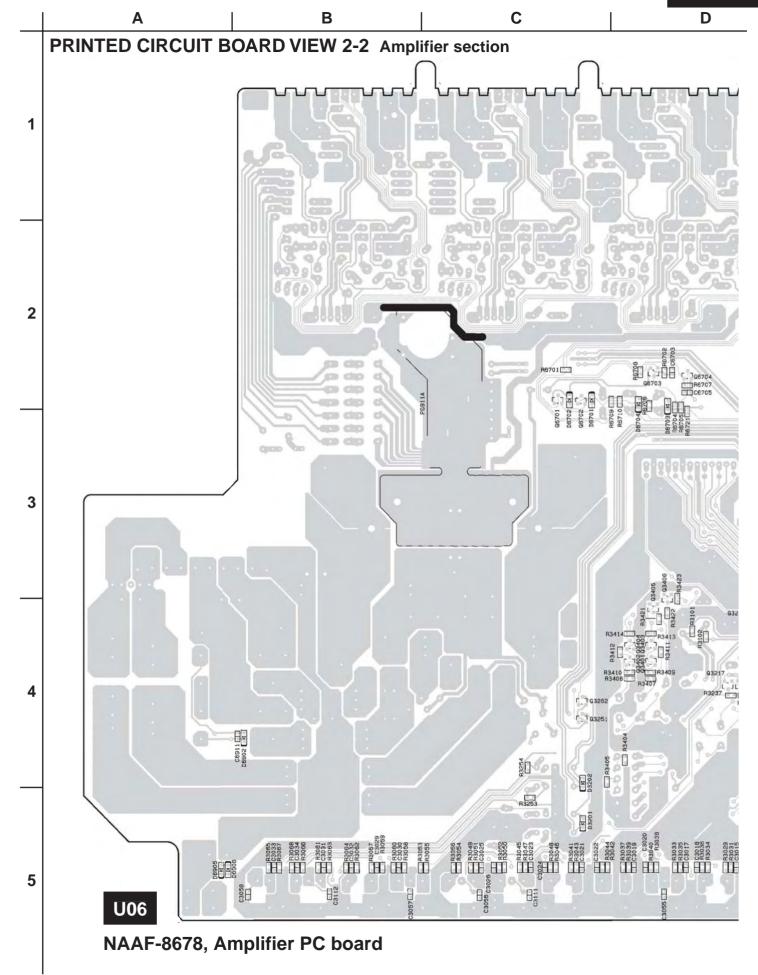
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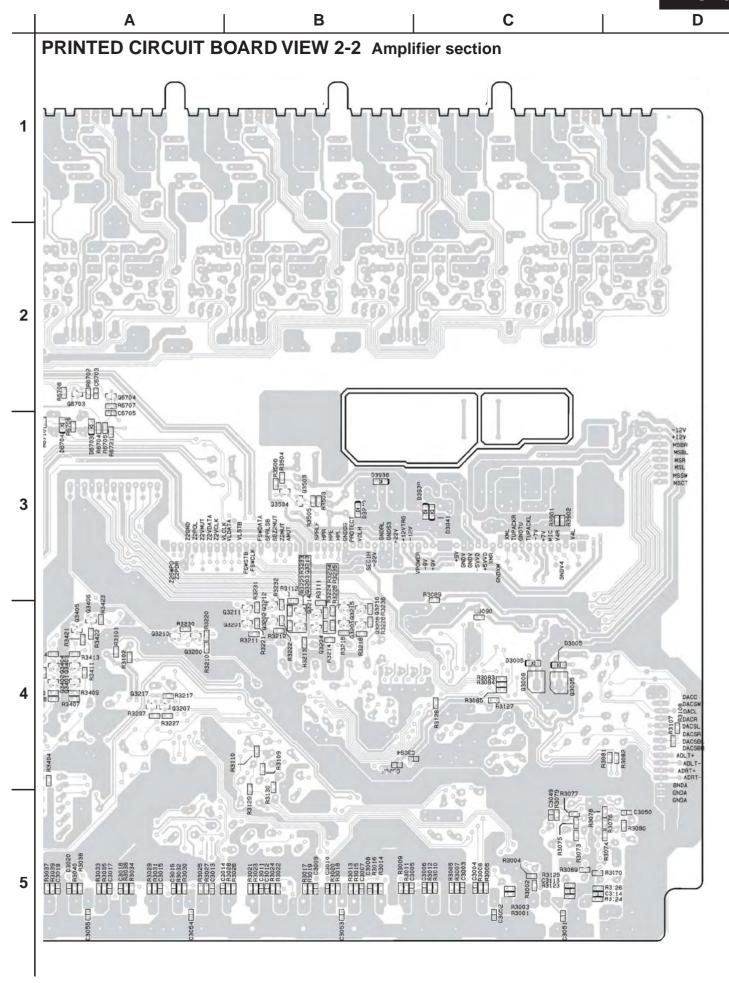
3











C В D PRINTED CIRCUIT BOARD VIEW 3 **Display** section 1 JL957A 1 FACE 2 FACI 3 -VP 4 SVFL 5 GNDFL 2 U052 NAETC-8678, Headphone terminal J7511 -4---J7510 -4---J7508 ---7-3 PC board 쏴 \$7514 VIDE02 S7506 PURE S7518 LISMODE> S7517 DIMMER \$7531 TONE-\$7504 ZONE2V-4 U05 NADIS-8675, Display circuit PC board

C В PRINTED CIRCUIT BOARD VIEW 3 **Display** section 1 U053 NAETC-8677, Volume PC board ONKYO NCDIS-8675 25138675B 2 2 MKI-P3X ONKYO C7607 J7551 C7554 C7612 C760S
9 MICD
9 MICAI
7 V4RIN
6 GNDA
5 V4LIN
4 GNDV
2 YSV4
1 CSV4 3 #O 07521 \$7512 VIDE04 S7525 PRESET UP S7521 SETUP S7517 DIMMER \$7516 \$7527 \$7523 ENTER 4 U05 NADIS-8675, Display circuit PC board

C В

# PRINTED CIRCUIT BOARD VIEW 3-2

**Display** section

1

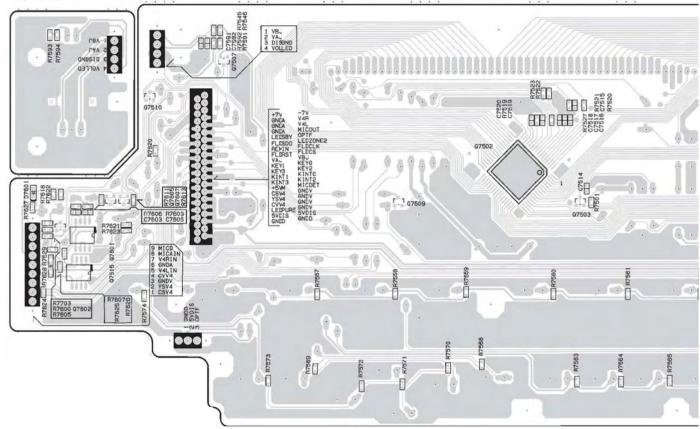
2

3

# U053

NAETC-8677, Volume

PC board



U05

4

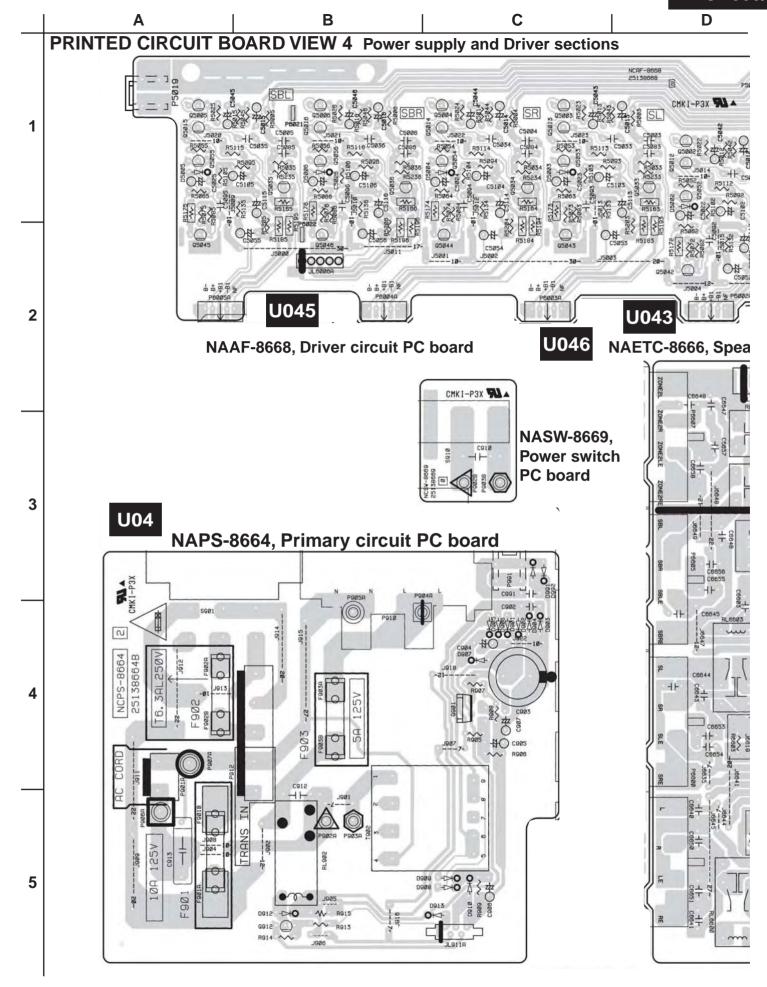
NADIS-8675, Display circuit PC board

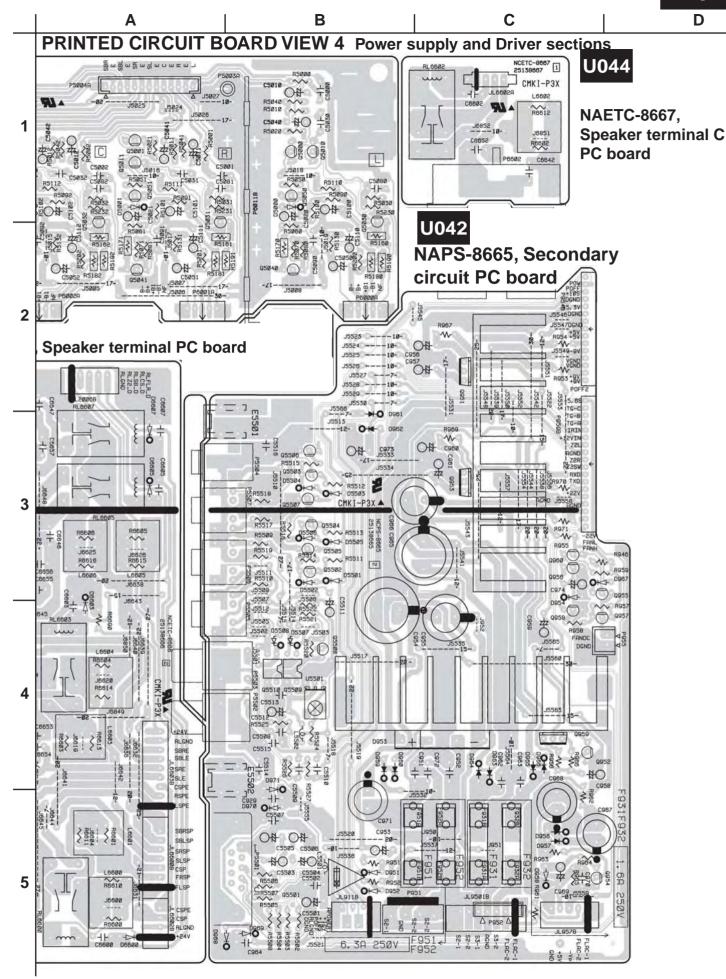
TX-SR803/E C В **PRINTED CIRCUIT BOARD VIEW 3-2 Display** section 1

00000 2 027508 07542 07590 CZ501 R7529 U052 NAETC-8676, . 8 Headphone terminal PC board .7 07508 . R7547 . R7548 3 - II R7554 R7553 R7552 H7664 H7768 H7767 H77678

> U05 NADIS-8675, Display circuit PC board

4





| A | B | C | D

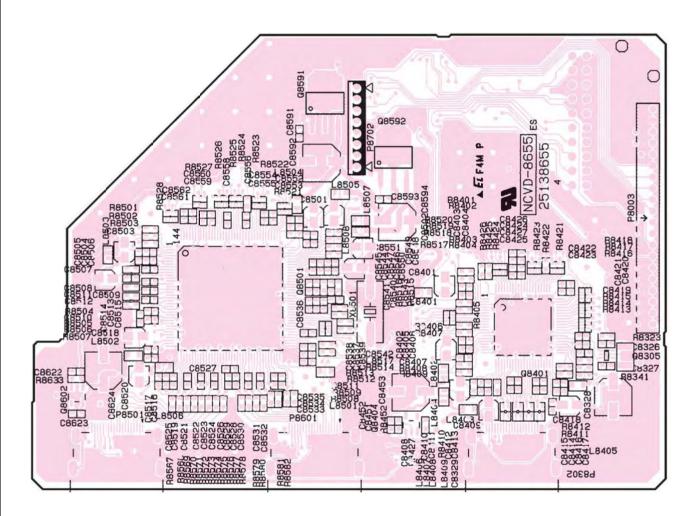
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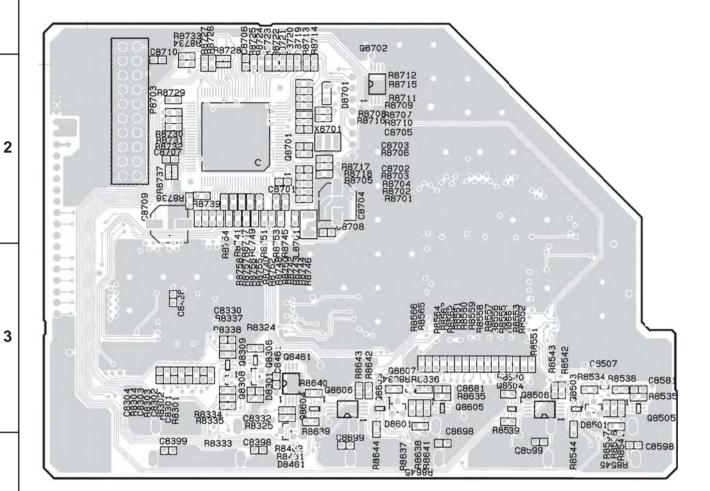


U01 NAVD-8655,HDMI circuit PC board

C

## **PRINTED CIRCUIT BOARD VIEW 5**

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U01 NAVD-8655,HDMI circuit PC board

TX-SR803/E

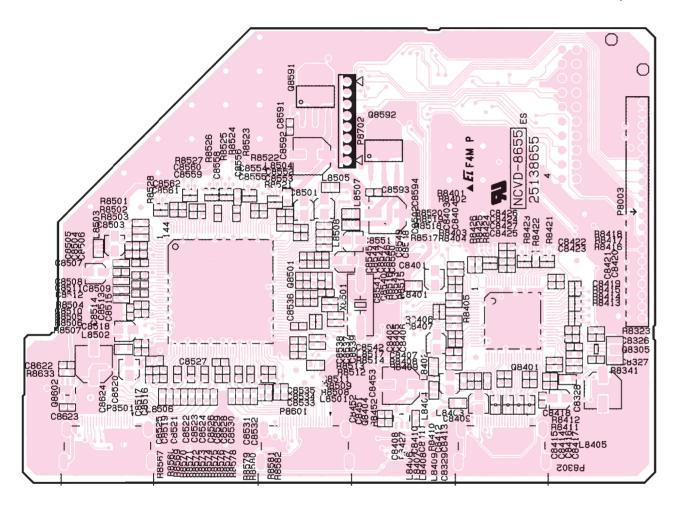
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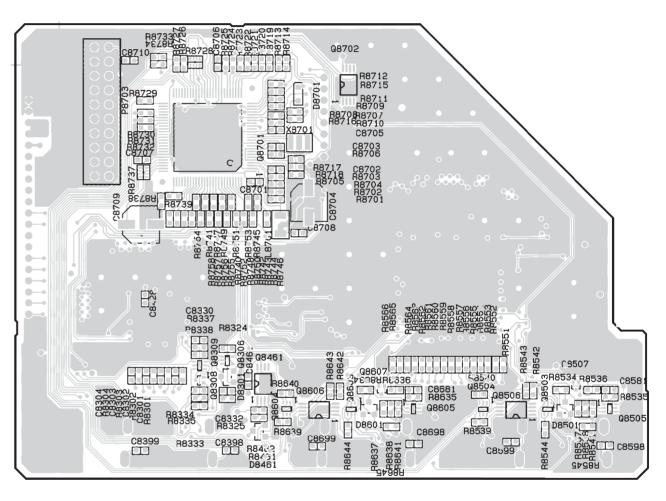
A B C D E F G
PRINTED CIRCUIT BOARD VIEW

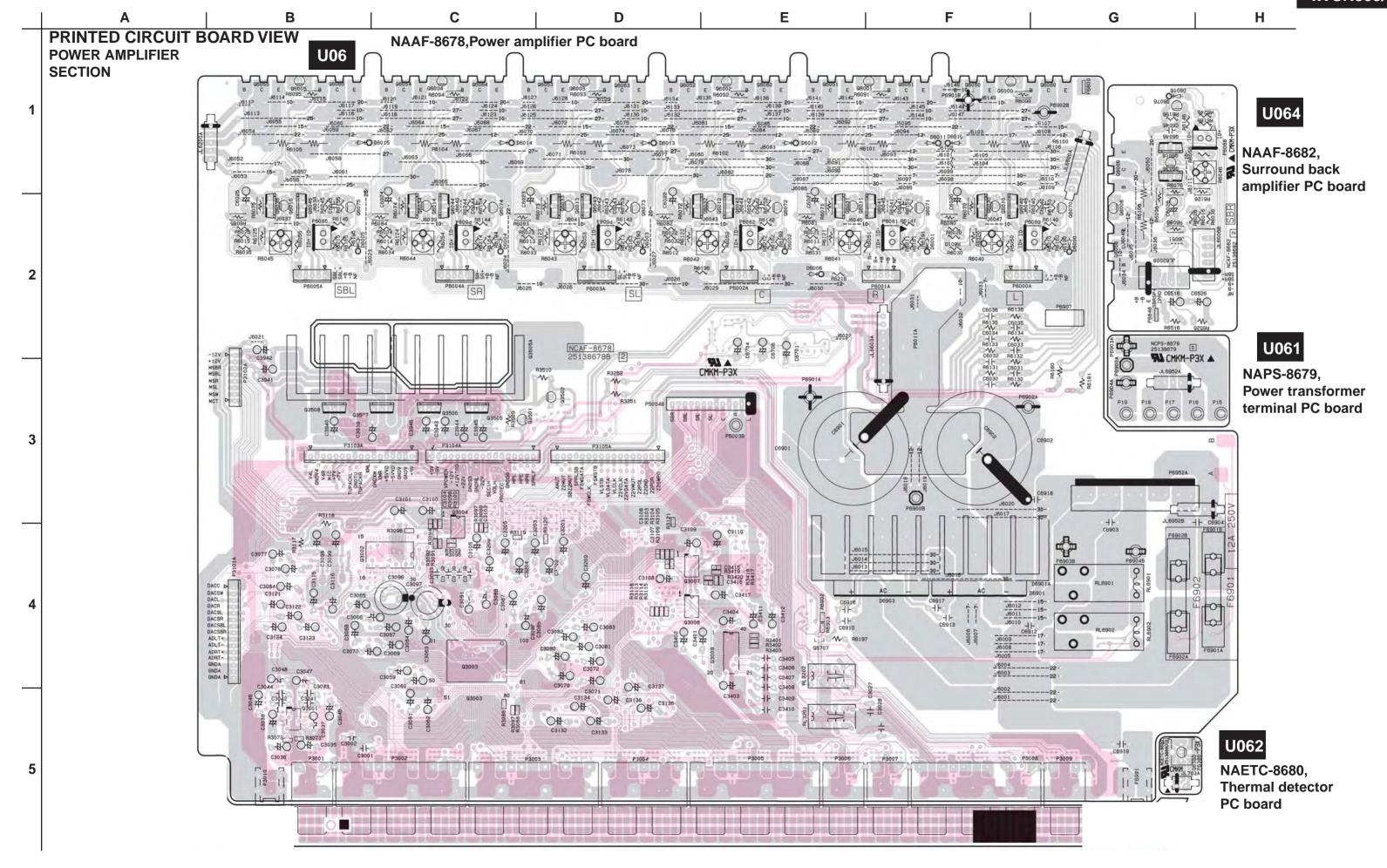
HDMI CIRCUIT PC BOARD VIEW

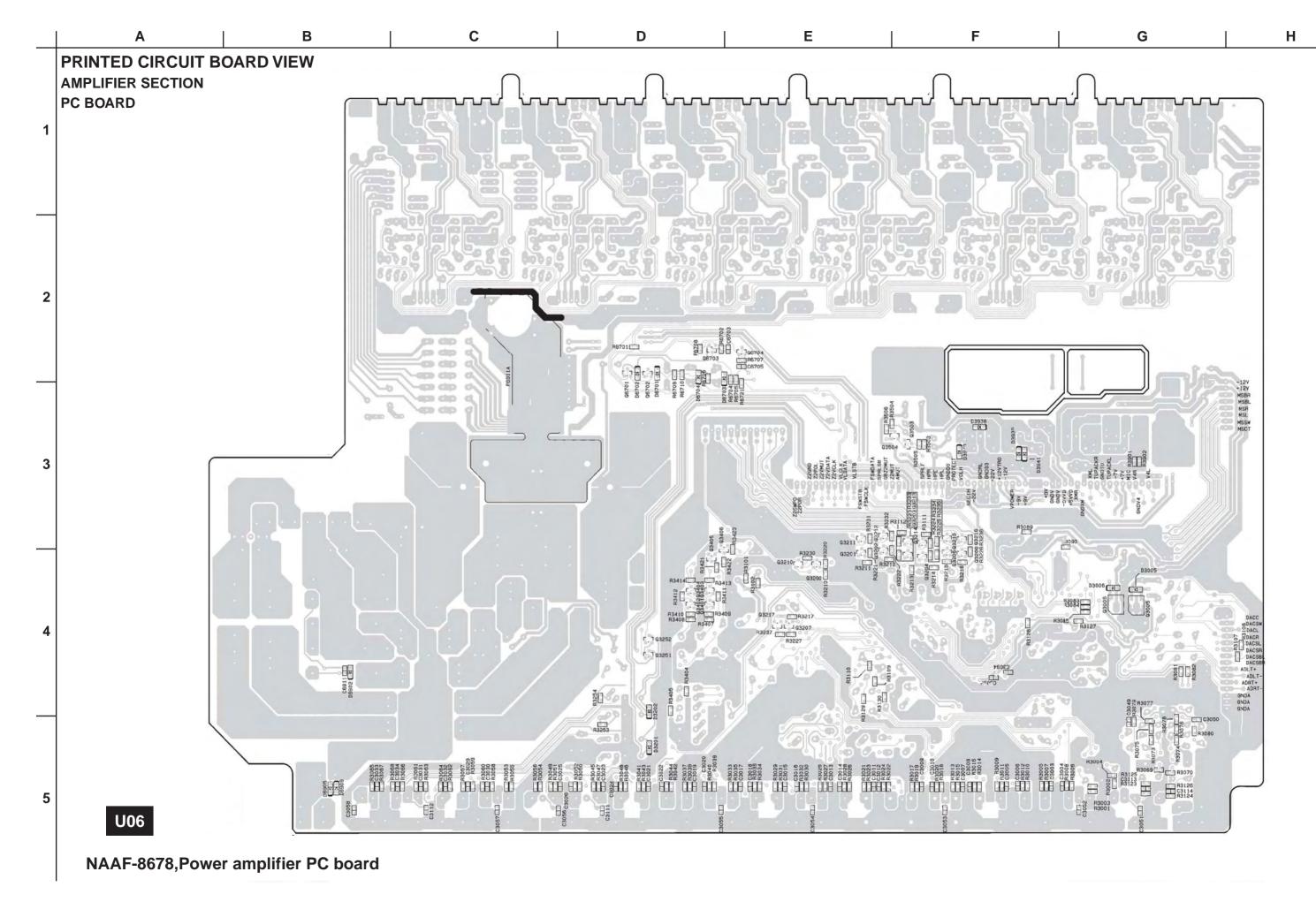
U01

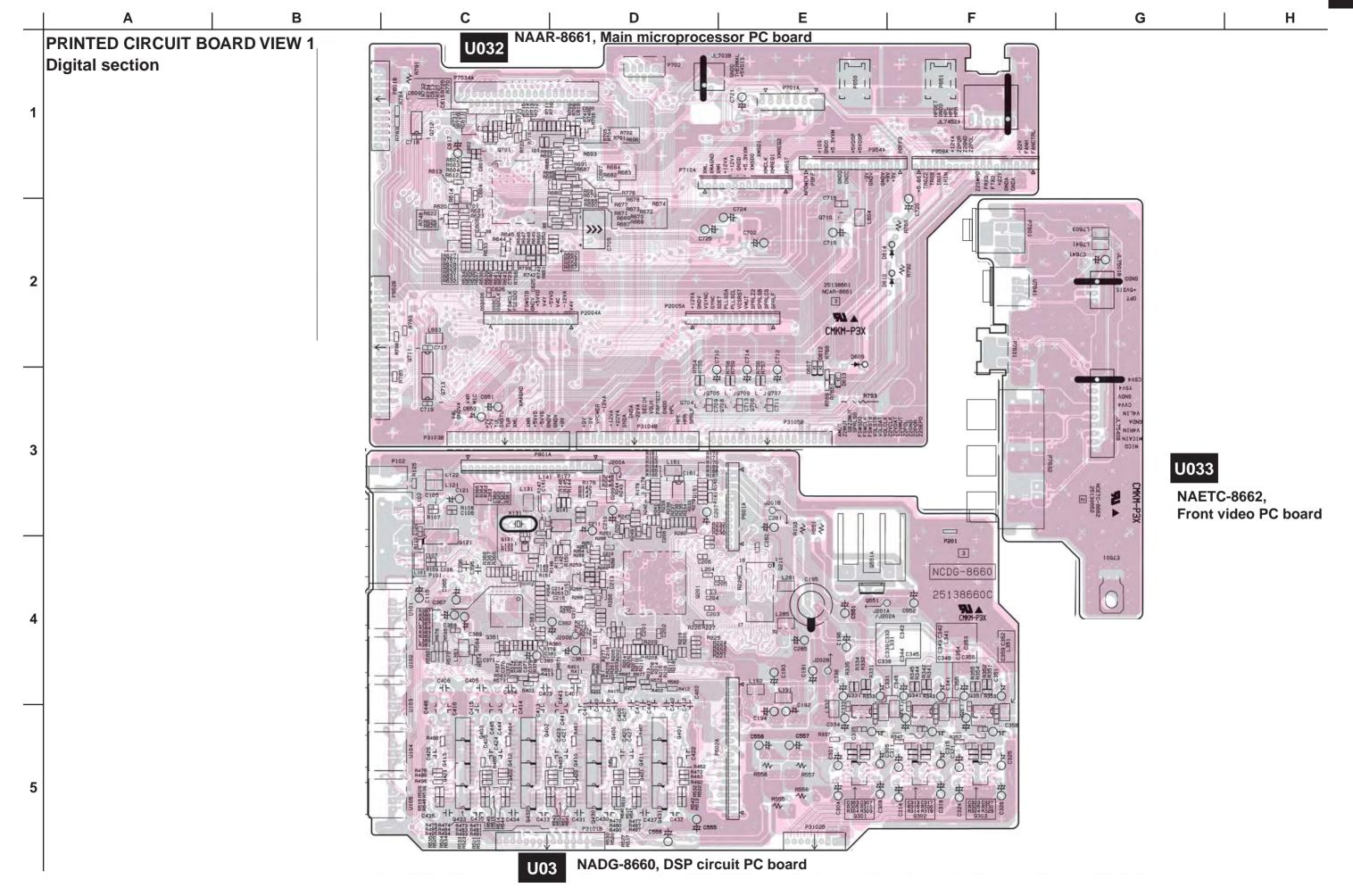
## NAVD-8655,HDMI circuit PC board

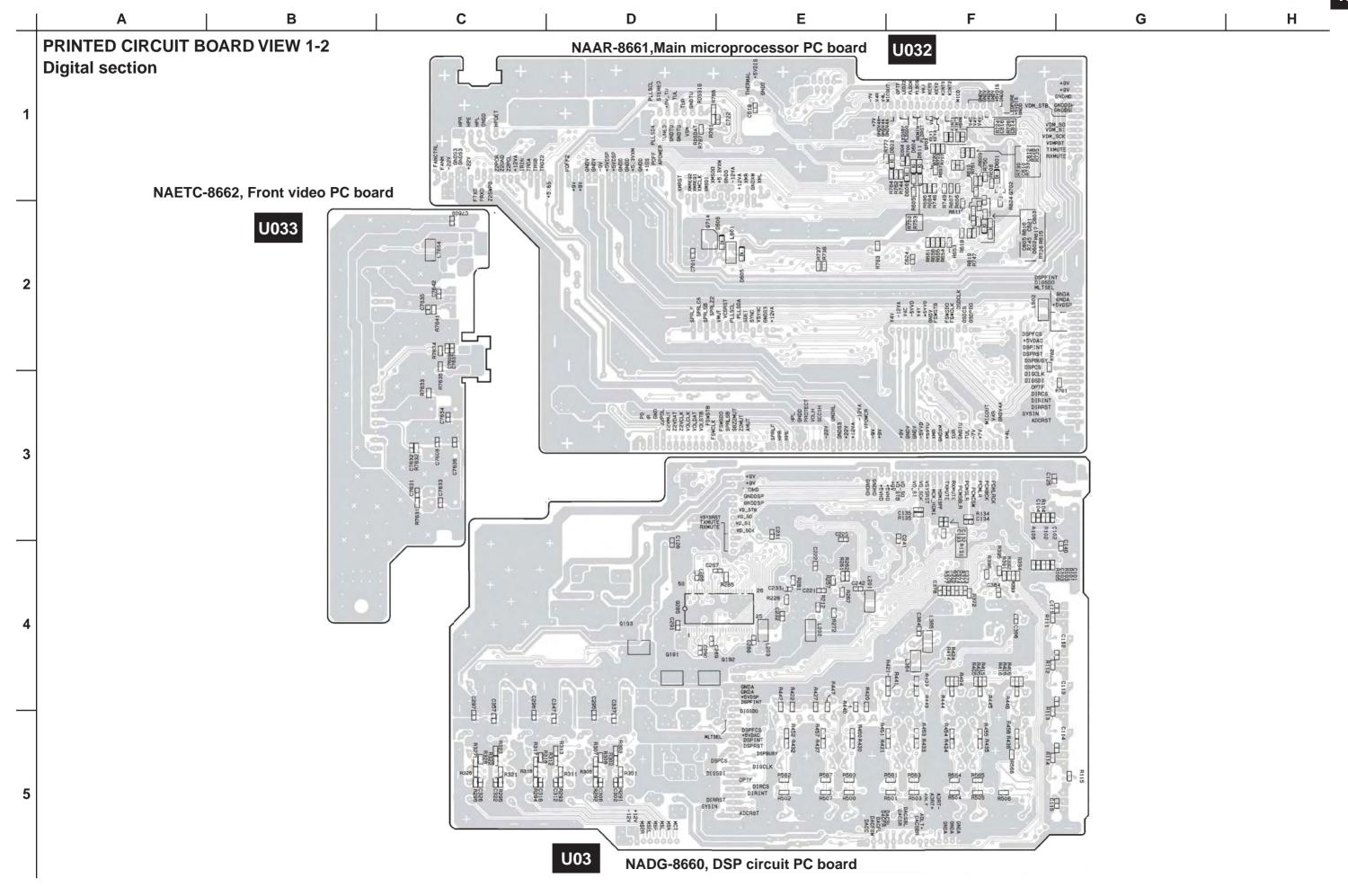






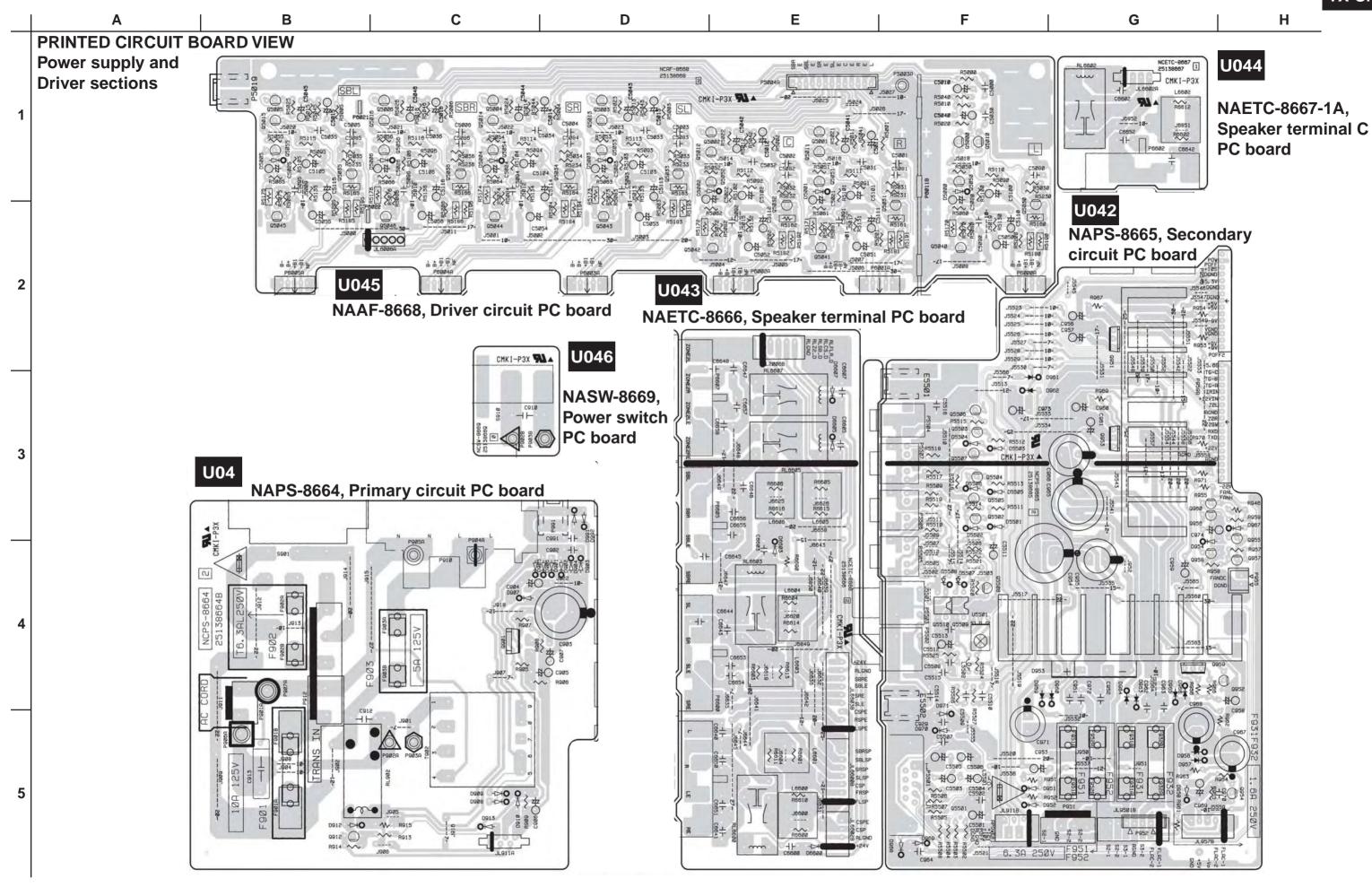






Н C Ε G Α В D PRINTED CIRCUIT BOARD VIEW DISPLAY CIRCUIT PC BOARD U053 NAETC-8677, NADIS-8675, Display circuit PC board U05 Volume PC board ONKYO NCDIS-8675 25138675B 2 ARI CMKI-P3X NAETC-8678, Headphone terminal PC board U052 #O +F 67521 67522

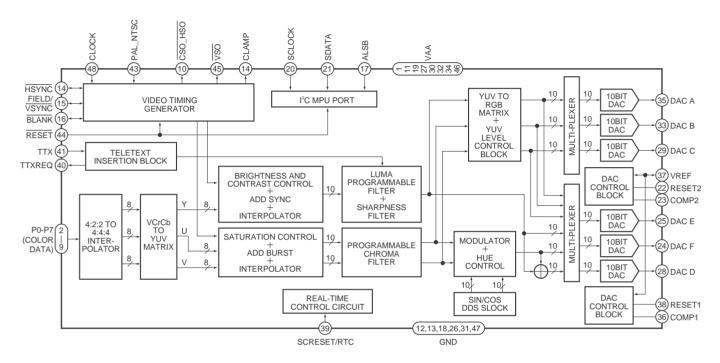
Н В C Ε F G D PRINTED CIRCUIT BOARD VIEW DISPLAY CIRCUIT PC BOARD U053 NAETC-8677, Volume PC board 00000 U052 NAETC-8676, Headphone terminal PC board 7 07508 R7547 R7554 R7553 R7553 NADIS-8675, Display circuit PC board



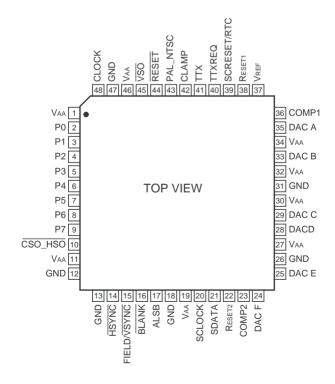
#### IC BLOCK DIAGRAMS AND DESCRIPTIONS

ADV7172 (Digital PAL/NTSC Video Encoder with Six DACs (10-Bits))

#### **BLOCK DIAGRAM**



#### **PIN LAYOUT**



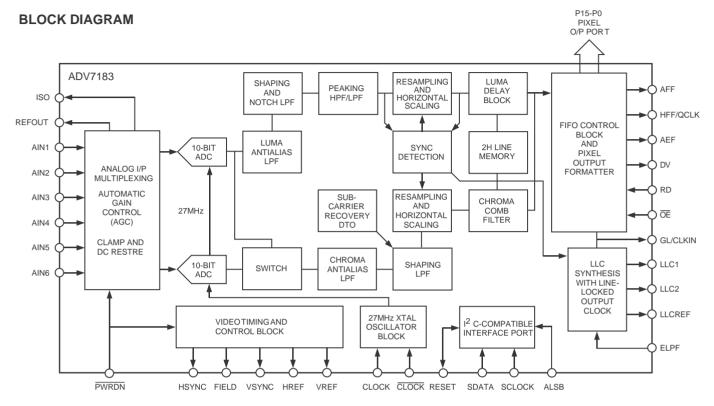
### IC BLOCK DIAGRAMS AND DESCRIPTIONS

## ADV7172 (Digital PAL/NTSC Video Encoder with Six DACs (10-Bits))

#### **TERMINAL DESCRIPTION**

No.	Name	I/O	Description
9-2	P7-P0	I	8-Bit 4:2:2 Multiplexed YCrCb Pixel Port (P7-P0) P0 represents the LSB.
48	CLOCK	I	TTL Clock Input. Requires a stable 27 MHz reference clock for standard operation. Alternatively,
			a 24.5454 MHz (NTSC) or 29.5 MHz (PAL) can be used for square pixel operation.
14	HSYNC	I/O	HSYNC (Modes 1 and 2) Control Signal. This pin may be configured to output (Master
			Mode) or as an input and accept (Slave Mode) Sync signals.
15	FIELD/VSYNC	I/O	Dual Function FIELD (Mode 1) and VSYNC (Mode 2) Control Signal. This pin may be
			configured to output (Master Mode) or as an input (Slave Mode) and accept these
			control signals.
16	BLANK	I/O	Video Blanking Control Signal. The pixel inputs are ignored when this is Logic Level "0"
			This signal is optional.
39	SCRESET/RTC	I	This pin can be configured as an input by setting MR42 and MR41 of Mode Register 4. It
			can be configured as a subcarrier reset pin, in which case a low-to-high transition on this
			pin will reset the subcarrier phase to Field 0. Alternatively it may be configured as a Real-
			Time Control (RTC) Input.
37	VREF	I/O	Voltage Reference Input for DACs or Voltage Reference Output (1.235 V).
38	RSET1	I	A 150 ohms resistor connected from this pin to GND is used to control full-scale amplitudes
			the Video Signals from DACs A, B, and C (the "large" DACs).
22	RSET2	I	A 600 ohms resistor connected from this pin to GND is used to control full-scale amplitudes
			the Video Signals from DACs D, E, and F (the "small" DACs).
36	COMP1	0	Compensation Pin for DACs A, B, and C. Connect a 0.1 uF Capacitor from COMP to
			VAA. For Optimum Dynamic Performance in Low Power Mode, the value of the
			COMP1 capacitor can be lowered to as low as 2.2 nF.
23	COMP2	0	Compensation Pin for DACs D, E, and F. Connect a 0.1 uF Capacitor from COMP to VAA.
35	DAC A	0	GREEN/Composite/Y Analog Output. This DAC is capable of providing 34.66 mA output.
33	DAC B	0	BLUE/S-Video Y/U Analog Output. This DAC is capable of providing 34.66 mA output.
29	DAC C	0	RED/S-Video C/V Analog Output. This DAC is capable of providing 34.66 mA output.
28	DAC D	0	GREEN/Composite/Y Analog Output. This DAC is capable of providing 8.66 mA output.
25	DAC E	0	BLUE/S-Video Y/U Analog Output. This DAC is capable of providing 8.66 mA output.
24	DAC F	0	RED/S-Video C/V Analog Output. This DAC is capable of providing 8.66 mA output.
20	SCLOCK	I	MPU Port Serial Interface Clock Input.
21	SDATA	I/O	MPU Port Serial Data Input/Output.
42	CLAMP	О	TTL Output Signal to external circuitry to enable clamping of all video signals.
43	PAL_NTSC	I	Input signal to select PAL or NTSC mode of operation, pin set to Logic "1" selects PAL.
45	VSO	0	VSO TTL Output Sync Signal.
10	CSO_HSO	0	Dual Function CSO or HSO TTL Output Sync Signal.
17	ALSB	I	TTL Address Input. This signal sets up the LSB of the MPU address.
44	RESET	I	The input resets the on-chip timing generator and sets the ADV7172/ADV7173 into
			default mode. This is NTSC operation, Timing Slave Mode 0, DACs A, B, and C powered
			OFF, DACs D, E, and F powered ON, Composite and S-Video out.
41	TTX	I	Teletext Data Input Pin.
40	TTXREQ	0	Teletext Data Request output signal used to control teletext data transfer.
1, 11, 19, 27, 30, 32, 34, 46	VAA	Р	Power Supply (3 V to 5 V).
12, 13, 18, 26, 31, 47	GND	G	Ground Pin.

## ADV7183 (Advanced Video Decoder with 10-Bit ADC and Component Support)



#### **TERMINAL DESCRIPTION**

Pin	Mnemonic	Input/Output	Function
1	VS/VACTIVE	0	VS or Vertical Sync. A dual-function pin, (OM_SEL[1:0] = 0, 0) is an output signal that indicates a vertical sync with respect to the YUV pixel data. The active period of this signal is six lines of video long. The polarity of the VS signal is controlled by the PVS bit. VACTIVE (OM_SEL[1:0] = 1, 0 or 0, 1) is an output signal that is active during the active/viewable period of a video field. The polarity of VACTIVE is controlled by PVS bit.
2	HS/HACTIVE	0	HS or Horizontal Sync. A dual-function pin, (OM_SEL[1:0] = 0, 0) is a programmable horizontal sync output signal. The rising and falling edges can be controlled by HSB[9:0] and HSE[9:0] in steps of 2 LLC1. The polarity of the HS signal is controlled by the PHS bit. HACTIVE (OM_SEL[1:0]= 1, 0 or 0, 1) is an output signal that is active during the active/viewable period of a video line. The active portion of a video line is programmable on the ADV7183. The polarity of HACTIVE is controlled by PHS bit.
3, 14	DVSSIO	G	Digital I/O Ground
4, 15	DVDDIO	P	Digital I/O Supply Voltage (3.3 V)
5-8, 19-24, 32, 33, 73-76	P15-P0	О	Video Pixel Output Port. 8-bit multiplexed YCrCb pixel port (P15-P8), 16-bit YCrCb pixel port (P15-P8 = Y and P7-P0 = Cb,Cr).
9, 31, 71	DVSS1-3	G	Ground for Digital Supply
10, 30, 72	DVDD1-3	P	Digital Supply Voltage (3.3 V)
11	AFF	О	Almost Full Flag. A FIFO control signal indicating when the FIFO has reached the almost full margin set by the user (use FFM[4:0]). The polarity of this signal is controlled by the PFF bit.
12	HFF/QCLK/GL	I/O	Half Full Flag. A multifunction pin, (OM_SEL[1:0] = 1, 0) is a FIFO control signal that indicates when the FIFO is half full. The QCLK (OM_SEL[1:0] = 0, 1) pin function is a qualified pixel output clock when using FIFO SCAPI mode. The GL (OM_SEL[1:0] = 0, 0) function (Genlock output) is a signal that contains a serial stream of data that contains information for locking the subcarrier frequency. The polarity of HFF signal is controlled by PFF bit.
13	AEF	О	Almost Empty Flag. A FIFO control signal, it indicates when the FIFO has reached the almost empty margin set by the user (use FFM[4:0]). The polarity of this signal is controlled by PFF bit.
16	CLKIN	I	Asynchronous FIFO Clock. This asynchronous clock is used to output data onto the P19-P0 bus and other control signals.
17, 18, 34, 35	GPO[3:0]	0	General-Purpose Outputs controlled via I2C

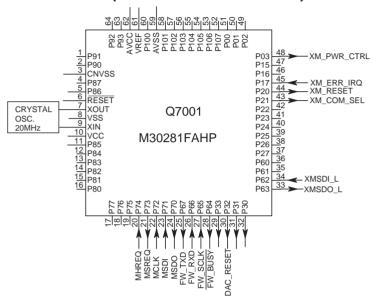
# ADV7183 (Advanced Video Decoder with 10-Bit ADC and Component Support) TERMINAL DESCRIPTION

Pin	Mnemonic	Input/Output	Function
25	LLCREF	0	Clock Reference Output. This is a clock qualifier distributed by the internal CGC for a data rate of LLC2. The polarity of LLCREF is controlled by the PLLCREF bit.
26	LLC2	О	Line-Locked Clock System Output Clock/2 (13.5 MHz)
27	LLC1/PCLK	О	Line-Locked Clock System Output Clock. A dual-function pin (27 MHz ± 5%) or a FIFO output clock ranging from 20 MHz to 35 MHz.
28	XTAL1	О	Second terminal for crystal oscillator; not connected if external clock source is used.
29	XTAL	I	Input terminal for 27MHz crystal oscillator or connection for external oscillator with CMOS-compatible square wave clock signal
36	PWRDN	I	Power-Down Enable. A logical low will place part in a power-down status.
37	ELPF	I	This pin is used for the External Loop Filter that is required for the LLC PLL.
38	PVDD	P	
39	PVSS	G	
40, 47, 53, 56, 63	AVSS	G	Ground for Analog Supply
41, 43, 45, 57, 59, 61	AVSS1-6	G	Analog Input Channels. Ground if single-ended mode is selected. These pins should be connected directly to REFOUT when differential mode is selected.
42, 44, 46, 58, 60, 62	AIN1-6	I	Video Analog Input Channels
48, 49	CAPY1-2	I	ADC Capacitor Network
50	AVDD	P	Analog Supply Voltage (5 V)
51	REFOUT	О	Internal Voltage Reference Output
52	CML	0	Common-Mode Level for ADC
54, 55	CAPC1-2	I	ADC Capacitor Network
64	RESET	I/O	System Reset Input. Active Low.
65	ISO	I	Input Switch Over. A low to high transition on this input indicates to the decoder core that the input video source has been changed externally and configures the decoder to reacquire the new timing information of the new source. This is useful in applications where external video muxes are used. This input gives the advantage of faster locking to the external muxed video sources. A low to high transition triggers this input.
66	ALSB	I	TTL Address Input. Selects the MPU address: MPU address = 88h ALSB = 0, disables 1 <sup>2</sup> C filter MPU address = 8Ah ALSB = 1, enables 1 <sup>2</sup> C filter
67	SDATA	I/O	MPU Port Serial Data Input/Output
68	SCLK	I	MPU Port Serial Interface Clock Input
69	VREF/VRESET	0	VREF or Vertical Reference Output Signal. Indicates start of next field.  VRESET or Vertical Reset Output is a signal that indicates the beginning of a new field. In SCAPI/CAPI mode this signal is one clock wide and active low relative to CLKIN. It immediately follows the HRESET pixel, and indicates that the next active pixel is the first active pixel of the next field.
70	HREF/HRESET	0	HREF or Horizontal Reference Output Signal. A dual-function pin (enabled when Line-Locked Interface is selected, OM_SEL[1:0] = 0,0), this signal is used to indicate data on the YUV output. The positive slope indicates the beginning of a new active line; HREF is always 720 Y samples long. HRESET or Horizontal Reset Output (enabled when SCAPI or CAPI is selected, OM_SEL[1:0] = 0, 1 or 1, 0) is a signal that indicates the beginning of a new line of video. In SCAPI/CAPI this signal is one clock cycle wide and is output relative to CLKIN. It immediately follows the last active pixel of a line. The polarity is controlled via PHVR.
77	RD	I	Asynchronous FIFO Read Enable Signal. A logical high on this pin enables a read from the output of the FIFO.
78	DV	0	DV or Data Valid Output Signal. In SCAPI/CAPI mode, DV performs to functions, depending on whether SCAPI or CAPI is selected. It toggles high when the FIFO has reached the AFF margin set by the user, and remains high until the FIFO is empty. The alternative mode is where it can be used to control FIFO reads for bursting information out of the FIFO. In API mode DV indicates valid data in the FIFO, which includes both pixel information and control codes. The polarity of this pin is controlled via PDV.
79	OE	I	Output Enable Controls Pixel Port Outputs. A logic high will three-state P19-P0.
80	FIELD	0	ODD/EVEN Field Output Signal. An active state indicates that an even field is being digitized. The polarity of this signal is controlled by the PF bit.

# IC BLOCK DIAGRAMS AND DESCRIPTIONS(XM radio only) TPS2012AD/MAX1930ESA(POWER-DISTRIBUTION)

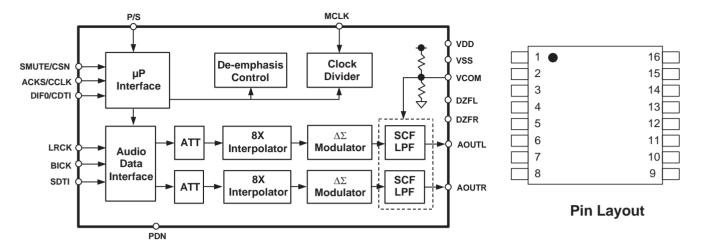


# M30281FAHP(XM MICROPROCESSOR)



No.	PIN NAME	I/O	DESCRIPTION
3	Cnvss		Connect to Vcc.
5	FW_CE	- 1	Port for writing flash.
6	~RESET	- 1	Reset input
7	Xout		Connect to the crystal oscillator.
8	Vss		Ground for power supply
9	Xin		Connect to the crystal oscillator.
10	Vcc		Power supply Vcc
	MHREQ	- 1	Request signal to transfer the serial data from main microprocessor. (System)
21	MSREQ	0	Request signal to transfer the serial data to main microprocessor. (Local)
	MCLK	- 1	Serial clock input from main microprocessor.
	MSDI	- 1	Serial data input from main microprocessor.
24	MSDO	0	Serial data output to main microprocessor.
25	FW_TXD	0	Port for writing flash.
26	FW_RXD	- 1	Port for writing flash.
	FW_SCLK	- 1	Port for writing flash.
28	FW_BUSY	0	Port for writing flash.
	DACSDO	0	Serial data output for DAC.
30	DACRESET	0	Reset output for DAC.
31	DACCS	0	Serial communication chip select for DAC.
	DACCLK	0	Serial communication clock for DAC.
33	XMSDO	0	Serial data output for XM IC.
34	XMSDI	- 1	Serial data input for XM IC.
43	XM_COM_SEL	0	Command select output for XM IC.
-	XM_RESET	0	Reset output for XM IC.
-	XM_ERR_IRQ	I	Error interrupt request line for XM IC.
	FW_P16	I	Port for writing flash.
	XM_PWR_CTRL	0	Power supply control for XM IC.
59	AVSS		Ground for A/D converter.
61	Vref		Reference power supply for A/D converter.
62	AVcc		Power supply for A/D converter.

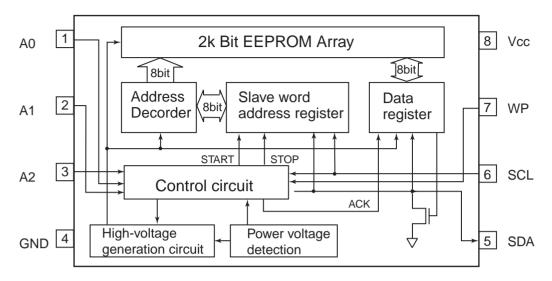
AK4384(106dB 192kHz 24-Bit 2ch  $\Delta\Sigma$  DAC)



No.	Pin Name	I/O	Function	
1	MCLK	I	Master Clock Input Pin	
			An external TTL clock should be input on this pin.	
2	BICK	I	Audio Serial Data Clock Pin	
3	SDTI	I	Audio Serial Data Input Pin	
4	LRCK	I	L/R Clock Pin	
5	PDN	I	Power-Down Mode Pin	
			When at "L", the AK4384 is in the power-down mode and is held in reset. The	
			AK4384 should always be reset upon power-up.	
6	SMUTE	I	Soft Mute Pin in parallel mode	
			"H": Enable, "L": Disable	
	CSN	I	Chip Select Pin in serial mode	
7	ACKS	I	Auto Setting Mode Pin in parallel mode	
			"L": Manual Setting Mode, "H": Auto Setting Mode	
	CCLK	I	Control Data Clock Pin in serial mode	
8	DIF0	I	Audio Data Interface Format Pin in parallel mode	
	CDTI	I	Control Data Input Pin in serial mode	
9	P/S	I	Parallel/Serial Select Pin (Internal pull-up pin)	
			"L": Serial control mode, "H": Parallel control mode	
10	AOUTR	О	Rch Analog Output Pin	
11	AOUTL	О	Lch Analog Output Pin	
12	VCOM	О	Common Voltage Pin, VDD/2	
			Normally connected to VSS with a 0.1µF ceramic capacitor in parallel with a	
			10μF electrolytic cap.	
13	VSS	-	Ground Pin	
14	VDD	-	Power Supply Pin	
15	DZFR	0	Rch Data Zero Input Detect Pin	
16	DZFL	О	Lch Data Zero Input Detect Pin	

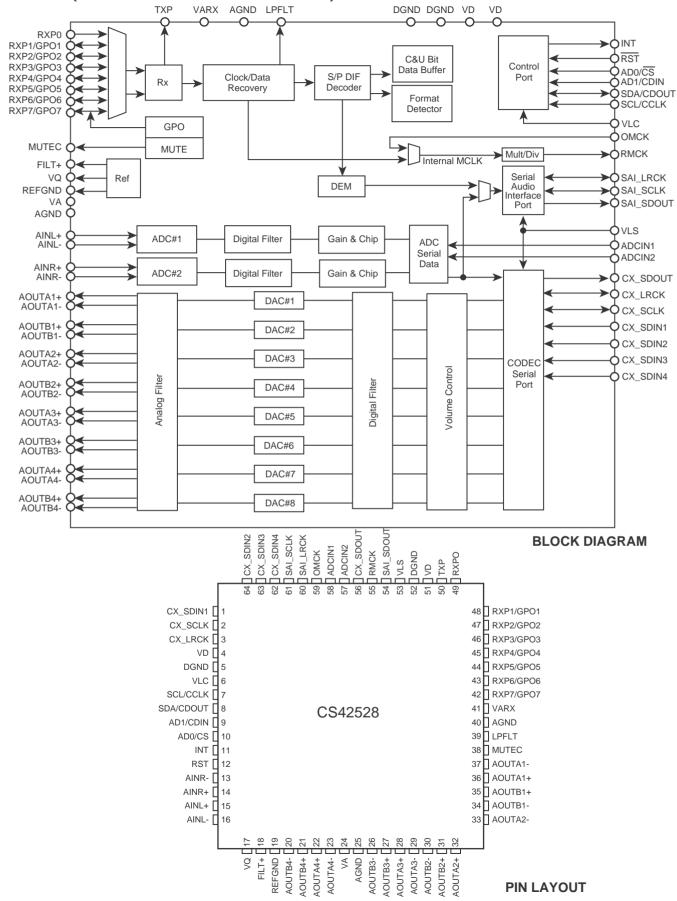
Note: All input pins except pull-up pin should not be left floating.

# BR24L02FV-W/08FV-W(256X8 bit EEPROM)



Terminal	I/O	Function
Vcc	-	Apply a power source.
GND	-	Ground termional
A0,A1,A2	I	Slave address setting terminal
SCL	I	Serial clock input
SDA	I/O	Slave and word address. Serial data input and output
WP	I	Write protect terminal

CS42528 (8-Ch Codec with S/PDIF Receiver)



CS42528 (8-Ch Codec with S/PDIF Receiver)

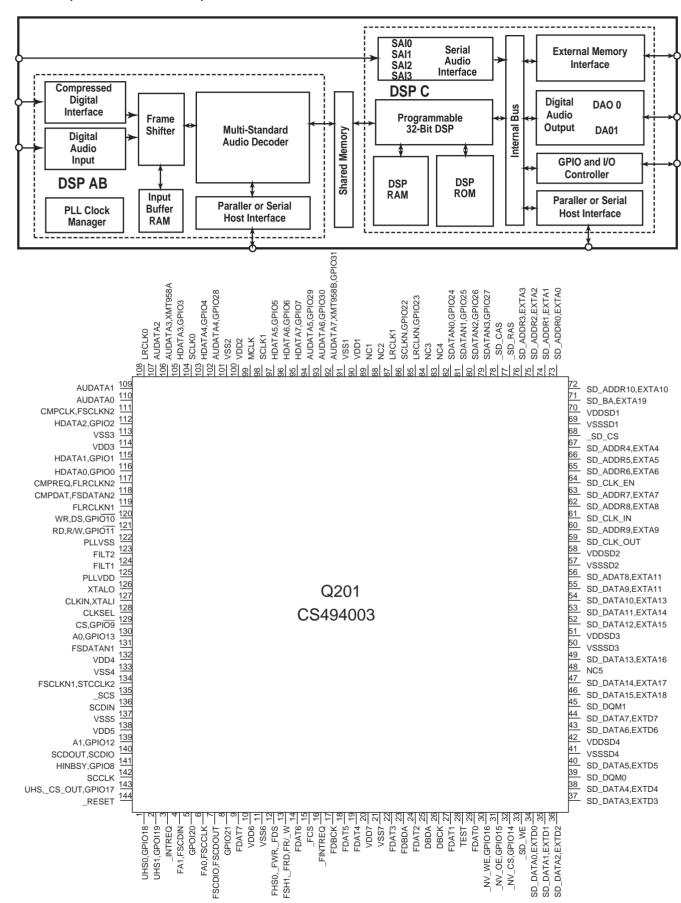
#### TERMINAL DESCRIPTION

Pin Name	#	Pin Description
CX_SDIN1 CX_SDIN2	1 64	Codec Serial Audio Data Input (Input) - Input for two's complement serial audio data.
CX_SDIN2 CX_SDIN3	63	
CX_SDIN4	62	
CX_SCLK	2	CODEC Serial Clock (Input/Output) - Serial clock for the CODEC serial audio interface
CX_LRCK	3	CODEC Left Right Clock (Input/ Output) - Determines which channel, Left or Right, is currently active on the CODEC serial audio data line.
VD	4 51	Digital Power (Input) - Positive power supply for the digital section.
DGND	5 52	Digital Ground (Input) - Ground reference. Connects to digital ground.
VLC	6	Control Port Power (Input) - Determines the required signal level for the control port.
SCL/CCLK	7	Serial Control Port Clock (Input) - Serial clock for the serial control port.
SDA/CDOUT	8	Serial Control Data (Input/Output) - SDA is a data I/O line in IC mode and requires an external pull-up resistor to the logic interface voltage. CDOUT is the output data line for the control port interface in SPI mode.
AD1/CDIN	9	Address Bit 1 (I <sup>2</sup> C)/Serial Control Data (SPI) (Input) - AD1 a chip address pin in I <sup>2</sup> C mode; CDIN is the input data line for control port interface in SPI mode.
AD0/CS	10	Address Bit 0 (I <sup>2</sup> C)/Control Port Chip Select (SPI) (Input) - AD0 is a chip address pin in I <sup>2</sup> C mode; CS is the chip select signal in SPI mode.
INT	11	Interrupt (Output) - The CS42528 will generate an interrupt condition as per the Interrupt Mask register.
RST	12	Reset (Input) - The device enters a low power mode and all internal registers are reset to their default settings when low.
AINR- AINR+	13 14	Differential right Channel Analog Input (Input) - Signals are presented differentially to the delta-sigma modulators via the AINR+/- pins.
AINL- AINL+	15 16	Differential right Channel Analog Input (Input) - Signals are presented differentially to the delta-sigma modulators via the AINR+/- pins.
VQ	17	Quiescent Voltage (Output) - Filter connection for internal quiescent reference voltage.
FILT+	18	Positive Voltage Reference (Output) - Positive reference voltage for the internal sampling circuits.
REFGND	19	Reference Ground (Input) - Ground reference for the internal sampling circuits.
AOUTA1 +, - AOUTB1 +, - AOUTA2 +, - AOUTB2 +, - AOUTA3 +, - AOUTB3 +, - AOUTA4 +, - AOUTB4 +, -	35, 34 32, 33 31, 30 28, 29 27, 26 22, 23	Differential Analog Output (Output) - The full-scale differential analog output level is specified in the Analog Characteristics specification table.
VA VARX	24 41	Analog Power (Input) - Positive power supply for the analog section.
AGND	25 40	Analog Ground (Input) - Ground reference. Connectes to analog ground.

CS42528 (8-Ch Codec with S/PDIF Receiver)

#### TERMINAL DESCRIPTION

Pin Name	#	Pin Description	
VA VARX	24 41	Analog Power (Input) - Positive power supply for the analog section.	
AGND	25 40	Analog Ground (Input) - Ground reference. Connects to analog ground.	
MUTEC	38	Mute Control (Output) - The Mute Control pin outputs high impedance following an initial power -on condition or whenever the PDN bit is set to a "1", forcing the codec into power -down mode. The signal will remain in a high impedance state as long as the part is in power-down mode. The Mute Control pin goes to the selected "active" state during reset, muting, or if the master clock to left/right clock frequency ratio is incorrect. This pin is intended to be used as a control for external mute circuits to prevent the clicks and pops that can occur in any single supply system. The use of external mute circuits are not mandatoy but may be desired for designs requiring the absolute minimum in extraneous clicks and pops.	
LPFLT	39	PLL Loop Filer (Output) - An RC network should be connected between this pin and ground.	
RXP7/GPO7	42	S/PDIF Receiver Input/ General Purpose Output (Input/ Output) - Receiver inputs for S/PDIF encoded	
RXP6/GPO6	43	data. The CS42528 has an internal 8:2 multiplexer to select the active receiver port, according to the	
RXP5/GPO5	44	Receiver Mode Control 2 resister. These pins can also be configured as general purpose output pins,	
RXP4/GPO4	45	ADC Overflow indicators or Mute Control outputs according to the RXP/General Purpose Pin Control	
RXP3/GPO3	46	resisters.	
RXP2/GPO2	47		
RXP1/GPO1	48		
RXP0	49	S/PDIF Receiver Input (Input) - Dedicated receiver input for S/PDIF encoded data.	
TXP	50	S/PDIF Transmitter Output (Output) - S/PDIF encoded data output, mapped directly from one of the receiver inputs as indicated by the Receiver Mode Control 2 resister.	
VLP	53	Serial Port Interface Power (Input) - Determines the required signal level for the serial port interfaces.	
SAI_SDOUT	54	Serial Audio Interface Serial Data Output (Output) - Output for two's complement serial audio PCM data from the S/PDIF incoming stream. This pin can also be configured to transmit the output of the internal and external ADCs.	
RMCK	55	Recovered Master Clock (Output) - Recovered master clock output from the External Clock Reference	
CX_SDOUT	56	CODEC Serial Data Output (Output) - Output for two's complement serial audio data the internal and external ADCs.	
ADCIN1	58	External ADC Serial Input (Input) - The CS42528 provides for up two external stereo analog to digital	
ADCIN2	57	converter inputs to provide a maximum of six channels on serial data output line when the CS42528 is placed in One Line mode.	
OMCK	59	External Reference Clock (Input) - External clock reference that must be within the ranges specified in currently active on the serial audio data line.	
SAI_LRCK	60	Serial Audio Interface Left/Right Clock (Input/Output) - Determines which channel, Left of Right, is currently active on the serial audio data line.	
		currently active on the serial audio data line.	

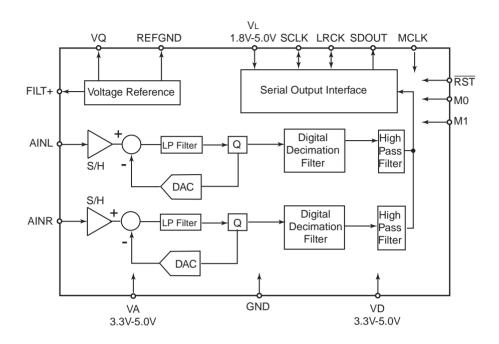


TERMINAL NAME/DESCRIPTION		
UHS0, GPIO18 :DSPC control mode select Bit 0, General Purpose I/O		
UHS1, GPIO19 :DSPC control mode select Bit 1, General Purpose I/O		
INTREQ:Control Port Interrupt Request		
FA1, FSCDIN:Host parallel address bit zero or SPI rerial control data input		
GPIO20:General Purpose I/O can be individually configured and controlled by DSPC.		
FAO, FSCCLK:Host Parallel Address Bit Zero or Serial Control Port Clock		
FHS2, FSCDIO, FSCDOUT:Mode select bit 2 or serial control port data input and output,parallel porttype select		
GPIO21:General Purpose I/O can be individually configured and controlled by DSPC.		
FDAT7:DSPAB Bidirectional Data Bus input		
VDD6:2.5V supply voltage.		
VSS6:2.5V ground.		
FHS0, FWR, FDS:Mode select bit 0 or host write strobe or host data strobe		
FHS1, FRD, FR/W:Mode select bit 1 or host parallel output enable or host parallel R/W		
FDAT6:DSPAB Bidirectional Data Bus input		
FCS:Host parallel chip select,Host serial SPI chip select		
FINTREQ:Control port interrupt request		
FDBCK:Reversed input:This pin is reversed and is pulled up with an external resistor.		
FDAT5:DSPAB Bidirectional Data Bus input		
FDAT4:DSPAB Bidirectional Data Bus input		
VDD7:2.5V supply voltage.		
VSS7:2.5V ground.		
FDAT3:DSPAB Bidirectional Data Bus input		
FDBDAReversed input: This pin is reversed and is pulled up with an external resistor.		
FDAT2:DSPAB Bidirectional Data Bus input		
DBDA:Debug data		
DBCK:Debug clock		
FDAT1:DSPAB Bidirectional Data Bus input		
TEST:This pin is connected low for normal operation.		
FDAT0:DSPAB Bidirectional Data Bus input		
NV_WE, GPIO16:SRAM write enable output, General Purpose I/O		
NV_OE, GPIO15:SRAM output Enable output, General Purpose I/O		
NV_CS, GPIO14:SRAM Chip Select output, General Purpose I/O		
SD_WE:SDRAM write enable output.		
SD_DATA0, EXTD0:SDRAM data bus. SRAM external data bus input.		
SD_DATA1, EXTD1:SDRAM data bus. SRAM external data bus input.		
SD_DATA2, EXTD2:SDRAM data bus. SRAM external data bus input.		
SD_DATA3, EXTD3:SDRAM data bus. SRAM external data bus input.		
SD_DATA4, EXTD4:SDRAM data bus. SRAM external data bus input.		
SD_DQM0:SDRAM data mask 0 output.		
SD_DATA5, EXTD5:SDRAM data bus. SRAM external data bus input.		
VSSSD4:3.3V SDRAM / SRAM / EPROM Interface ground.		
<u> </u>		
VDDSD4:3.3V SDRAM / SRAM / EPROM Interface supply  SD_DATA6_EYTD6:SDRAM data bus_SRAM external data bus_input.		
SD_DATA5, EXTD5:SDRAM data bus. SRAM external data bus input.		
SD_DATA7, EXTD7:SDRAM data bus. SRAM external data bus input.		
SD_DQM1:SDRAM data mask 1 output.		
SD_DATA15, EXTA18:SDRAM data bus output, SRAM external address bus output SD_DATA14, EXTA17:SDRAM data bus output, SRAM external address bus output		

PIN NO.	TERMINAL NAME/DECORIDION
	TERMINAL NAME/DESCRIPTION
49	SD_DATA13, EXTA16:SDRAM data bus output, SRAM external address bus output
50	VSSSD3:3.3V SDRAM / SRAM / EPROM Interface ground.
51	VDDSD3:3.3V SDRAM / SRAM / EPROM Interface supply
52	SD_DATA12, EXTA15:SDRAM data bus output, SRAM external address bus output
53	SD_DATA11, EXTA14:SDRAM data bus output, SRAM external address bus output
54	SD_DATA10, EXTA13:SDRAM data bus output, SRAM external address bus output
55	SD_DATA9, EXTA12:SDRAM data bus output, SRAM external address bus output
56	SD_DATA8, EXTA11:SDRAM data bus output, SRAM external address bus output
57	VSSSD2:3.3V SDRAM / SRAM / EPROM Interface ground.
58	VDDSD2:3.3V SDRAM / SRAM / EPROM Interface supply
59	SD_CLK_OUT:SDRAM clock output.
60	SD_ADDR9, EXTA9:SDRAM address bus output. SRAM external address output.
61	SD_CLK_IN:SDRAM re-timing clock input.
62	SD_ADDR8, EXTA8:SDRAM address bus output. SRAM external address output.
63	SD_ADDR7, EXTA7:SDRAM address bus output. SRAM external address output.
64	SD_CLK_EN:SDRAM clock enable output.
65	SD_ADDR6, EXTA6:SDRAM address bus output. SRAM external address output.
66	SD_ADDR5, EXTA5:SDRAM address bus output. SRAM external address output.
67	SD_ADDR4, EXTA4:SDRAM address bus output. SRAM external address output.
68	SD_CS:SDRAM Chip select
69	VSSSD1:3.3V SDRAM / SRAM / EPROM Interface ground.
70	VDDSD1:3.3V SDRAM / SRAM / EPROM Interface supply
71	SD_BA, EXTA19:SDRAM bank address select, SRAM external address bus 19.
72	SD_ADDR10, EXTA10:SDRAM address bus output. SRAM external address output.
73	SD_ADDR0, EXTA0:SDRAM address bus output. SRAM external address output.
74	SD_ADDR1, EXTA1:SDRAM address bus output. SRAM external address output.
75	SD_ADDR2, EXTA2:SDRAM address bus output. SRAM external address output.
76	SD_ADDR3, EXTA3:SDRAM address bus output. SRAM external address output.
77	SD_RAS:SDRAM row address strobe output.
78	SD_CAS:DRAM column address strobe output.
79	SDATAN3, GPIO27:Digital-audio PCM data input. General purpose I/O
80	SDATAN2, GPIO26:Digital-audio PCM data input. General purpose I/O
81	SDATAN1, GPIO25:Digital-audio PCM data input. General purpose I/O
82	SDATAN0, GPIO24:Digital-audio PCM data input. General purpose I/O
83	NC4:No connect. Connect to ground.
84	NC3:No connect. Connect to ground.
85	LRCLKN, GPIO23:PCM Audio Input Sample Rate Clock, General Purpose I/O
86	SCLKN, GPIO22:PCM Audio Input Bit Clock, General Purpose I/O
87	LRCLK1:Audio Output Sample Rata Clock
88	NC2:No connect. Connect to ground.
89	NC1:No connect. Connect to ground.
90	VDD1:2.5V supply voltage.
91	VSS1:2.5V ground
92	AUDATA7, XMT958B, GPIO31:PCM digital-audio data output 7, S/PDIF Transmitter, General Purpose I/O
93	AUDATA6, GPIO30:PCM digital-audio data output 6, General Purpose I/O
94	AUDATA5, GPIO29:PCM digital-audio data output 5, General Purpose I/O
95	HDATA7, GPIO7:DSPC Bidirectional Data Bus, General Purpose I/O
96	HDATA6, GPIO6:DSPC Bidirectional Data Bus, General Purpose I/O

97	TERMINAL NAME/DESCIPTION
	HDATA5, GPIO5:DSPC Bidirectional Data Bus, General Purpose I/O
98	SCLK1: Audio Output Bit Clock: Bidirectional digital-audio output bit clock for AUDATA4, to AUDATA7.
	As an output, SCLK1 can provide 32 fs, 64 fs, 128 fs, 256 fs, or 512 fs frequencies and is synchronous to MCLK.
99	MCLK:Bidirectional master audio clock. As an output, MCLK provides a low jitter oversampling clock.
100	VDD2:2.5V supply voltage.
101	VSS2:2.5V ground.
102	AUDATA4, GPIO28:Digital Audio Output 4, General Purpose I/O.PCM digital-audio data output.
103	HDATA4, GPIO4:DSPC Bidirectional Data Bus, General Purpose I/O
104	SCLK0: Audio Output Bit Clock: Bidirectional digital-audio output bit clock for AUDATA0, to AUDATA3.
105	HDATA3, GPIO3:DSPC Bidirectional Data Bus, General Purpose I/O
106	AUDATA3, XMT958A:Digital Audio Output 3, S/PDIF Transmitter
107	AUDATA2:PCM digital-audio data output.
108	LRCLK0:Audio Output Sample Rate Clock
109	AUDATA1:PCM digital-audio data output.
110	AUDATA0:PCM digital-audio data output.
111	CMPCLK, FSCLKN2:PCM Audio Input Bit Clock:Digital- audio bit clock input.
112	HDATA2, GPIO2:DSPC Bidirectional Data Bus, General Purpose I/O
113	VSS3:2.5V ground.
114	VDD3:2.5V supply voltage.
115	HDATA1, GPIO1:DSPC Bidirectional Data Bus, General Purpose I/O
116	HDATA0, GPIO0:DSPC Bidirectional Data Bus, General Purpose I/O
117	CMPREQ, FLRCLKN2:PCM audio input request
118	CMPDAT, FSDATAN2:Digital-audio data input that can accept either one compressed line or 2 channels of PCM data
119	FLRCLKN1:Digital-audio frame clock input.
120	WR, DS, GPIO10:Host Write Strobe, Host Data Strobe, General Purpose I/O
121	RD, R/W, GPIO11:Host Parallel Output Enable, Host Parallel R/W, General Purpose I/O
122	PLLVSS :PLL Ground Voltage
123	FILT2: Phase-Locked Loop Filter. Connects to an external filter for the phase-locked loop.
124	FILT1: Phase-Locked Loop Filter. Connects to an external filter for the phase-locked loop.
125	PLLVDD:2.5V PLL supply voltage.
126	XTALO: Crystal oscillator output.
127	CLKIN, XTALI:External Clock input / Crystal Oscillator input:12MHz crystal oscillator is connected.
128	CLKSEL:DSP Clock select input
129	CS, GPIO9:Host Parallel Chip Select, General Purpose I/O
130	A0, GPIO13:Host Address Bit 0, General Purpose I/O
131	FSDATAN1:Digital-audio data input can accept from one compressed line or 2 channels of PCM data.
132	VDD4:2.5V supply voltage.
133	VSS4:2.5V ground.
134	FSCLKN1, STCCLK2:Digital audio bit clock input.
135	SCS:Host Serial SPI Chip Select:SPI mode active-low chip-select input signal.
136	SCDIN:SPI Serial Control Data Input:In SPI mode this pin serves as the data input pin.
137	VSS5:2.5V ground.
138	VDD5:2.5V supply voltage.
139	A1, GPIO12:Host Address Bit 1, General Purpose I/O
	SCDOUT, SCDIO:Serial Control Port Data Input and Output:In SPI mode this pin serves as the data output pin.
	HINBSY, GPIO8: Input host Message Status, General Purpose I/O. This pin is indicates that serial
140	Timedot, Of 100. Input host Message Status, General Fulpose 1/0. This pilitis indicates that senai
	or parallel communication data written to the DSP has not been read yet.
140	
140 141	or parallel communication data written to the DSP has not been read yet.

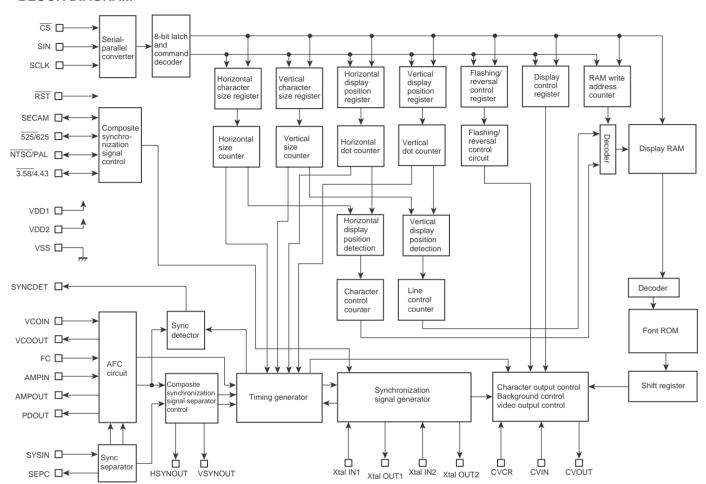
CS5340-CZZ(101dB,192kHz, Multi-Bit Audio A/D Converter)



Pin	Pin Name	I/O	Description	
1	M0		Mode Selection-Determines the operational mode of the device.	
16	M1		invode Selection-Determines the operational mode of the device.	
2	MCLK		Master Clock-Clock source for the delta-sigma modulator and digital filters.	
3	VL		Logic Power-Positive power supply for digital input/output.	
4	SDOUT	0	Serial Audio Data Output-Output for two's complement serial audio data.	
5,14	GND		Ground-Connect to the analog ground.	
6	VD	I	Digital Power-Positive power supply for the digital section.	
7	SCLK	I/O	Serial Clock-Serial clock for the serial audio interface.	
8	LRCK	I/O	Left Right Clock-Determines which channel, Left and Right, is currently	
	LIKOK	1/ 0	active on the serial audio data line.	
9	RST	- 1	Reset-The device enters a low power mode when low.	
10	AINL	I	Analog Input-The full scale analog input level is 0.56Vp-p.	
12	AINR	- 1	Alialog iliput-frie full scale alialog iliput level is 0.50 vp-p.	
11	VQ	VO Quiescent Voltage-Filter c	Quiescent Voltage-Filter connection for the internal quiescent	
- ' '	V Q	)	reference voltage.	
13	VA		Analog Power-Positive power supply for the analog section.	
15	FII T±	Positive Voltage Reference-Positive reference volta sampling circuits.	Positive Voltage Reference-Positive reference voltage for the internal	
	1 1217		sampling circuits.	

LC74763-9836 (On-Screen Display IC)

#### **BLOCK DIAGRAM**



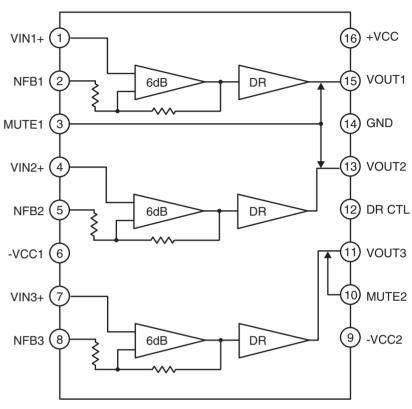
LC74763-9836 (On-Screen Display IC)

## TERMINAL DESCRIPTION

Pin No.	Symbol	Function	Description
1	V <sub>SS</sub>	Ground	Ground connection
2	Xtal <sub>IN1</sub>	0	Connection for the crystal and capacitor used to form the crystal oscillator that generates
3	Xtal OUT1	Crystal oscillator connection	the internal synchronization signal. The oscillator can be selected with a command switch.
4	HSYNC <sub>OUT</sub>	Horizontal synchronization output	Outputs the horizontal synchronization signal (AFC). The output polarity can be selected (metal option). Also functions as general output port (command switch).
5 6	Xtal <sub>IN2</sub> Xtal <sub>OUT2</sub>	Crystal oscillator connection	Connection for the crystal and capacitor used to form the crystal oscillator that generates the internal synchronization signal.
7	VSYNCOUT	Vertical synchronization output	Outputs the vertical synchronization signal. The output polarity can be selected (metal option). Also functions as general output port (command switch).
8	CS	Enable input	Enables/disables serial data input. Serial data is enabled when this pin is low (hysteresis input). Pull-up resistor built in (metal option).
9	SIN	Data input	Serial data input (hysteresis input). Pull-up resistor built in (metal option).
10	SCLK	Clock input	Clock input for serial data input (hysteresis input). Pull-up resistor built in (metal option).
11	SECAM	SECAM mode switch input/ output (command switch)	During input, switches between SECAM and other modes.  During output, functions as general output port or internal V output (command switch).  Low = other modes, high = SECAM mode
12	525/625	525/625 switch input/output (command switch)	During input, switches between 525 scan lines and 625 scan lines.  During output, functions as general output port or character data output (command switch).  Low = 525 lines, high = 625 lines
13	NTSC/PAL	NTSC/PAL switch input/output (command switch)	Switches the color mode between NTSC and PAL.  During output, functions as general output port or frame data output (command switch).  Low = NTSC, high = PAL
14	3.58/4.43	3.58/4.43 switch input/output (command switch)	Switch FSC between 3.58 MHz and 4.43 MHz.  During output, functions as general output port or halftone output (command switch).  Low = 3.58, high = 4.43
15	RST	Reset input	System reset input pin, low is active (hysteresis input). Pull-up resistor built in (metal option).
16	CVOUT	Video signal output	Composite video output
17	V <sub>DD2</sub>	Power supply connection	Power supply connection for composite video signal level generation
18	CV <sub>IN</sub>	Video signal input	Composite video input
19	CVCR	Video signal input	SECAM chroma signal input
20	SYNCIN	Sync separator circuit input	Built-in sync separator circuit video signal input
21	SEPC	Sync separator circuit	Built-in sync separator circuit
22	V <sub>SS</sub>	Ground	Ground connection
23	PDOUT	Control voltage output	AFC control voltage output
24	AMP <sub>IN</sub>	AFC filter connection	Filter connection
25	AMPOUT	AI O IIILEI COIIIIECLIOII	Time Connection
26	FC	Control voltage input	AFC control voltage input
27	VCOIN	LC oscillator connection	VCO LC oscillator circuit coil and capacitor connection
28	VCO <sub>OUT</sub>	LO OSCIIIALOI CONTINECLIONI	voo 20 osomatoi onout ooi ana oapaotoi ooiineotioii
			Outputs the exclusive NOR of the horizontal synchronization signal (AFC) and CSYNC (sync
29	SYNC <sub>DET</sub>	External synchronization signal detection output	separator). The output polarity can be selected (metal option). Also functions as general output port (command switch).

# IC BLOCK DIAGRAMS AND TERMINAL DESCRIPTIONS LA7106M (6ch AMP + Driver)

#### **BLOCK DIAGRAM**



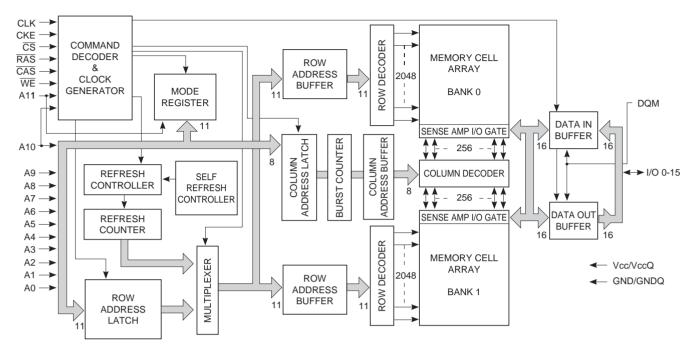
#### **TRUTH TABLE**

	Pins 3, 10	Pin 12	
Н	Through	150 ohm Drive	
L	Mute	75 ohm Drive	

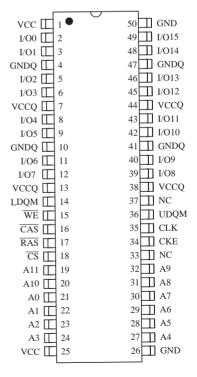
#### IC BLOCK DIAGRAMS AND TERMINAL DESCRIPTIONS

### IC42S16100 (16-Mbit Synchronous Dynamic RAM)

#### **BLOCK DIAGRAM**



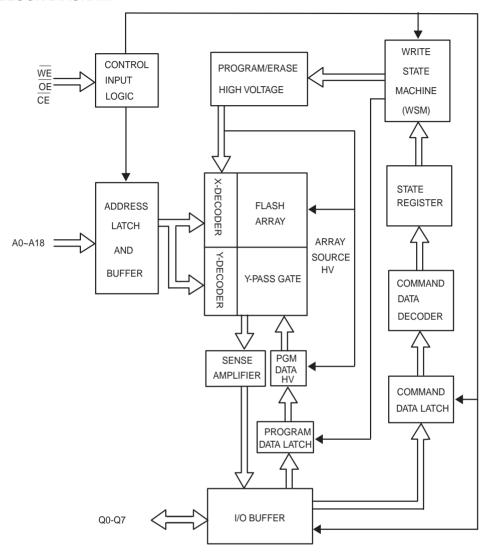
#### **PIN LAYOUT**



Pin No.	Pin name	Function
20 to 24 27 to 32	A0-A10	A0 to A10 are address inputs. A0-A10 are used as row address inputs during active command input and A0-A7 as column address inputs during read or write command input. A10 is also used to determine the precharge mode during other commands. If A10 is LOW during precharge command, the bank selected by A11 is precharged, but if A10 is HIGH, both banks will be precharged.  When A10 is HIGH in read or write command cycle, the precharge starts automatically after the burst access.  These signals become part of the OP CODE during mode register set command input.
19	A11	A11 is the bank selection signal. When A11 is LOW, bank 0 is selected and when high, bank 1 is selected. This signal becomes part of the OP CODE during mode register set command input.
16	CAS	$\overline{\text{CAS}}$ , in conjunction with the $\overline{\text{RAS}}$ and $\overline{\text{WE}}$ , forms the device command. See the "Command Truth Table" item for details on device commands.
34	CKE	The CKE input determines whether the CLK input is enabled within the device.  When is CKE HIGH, the next rising edge of the CLK signal will be valid, and when LOW, invalid.  When CKE is LOW, the device will be in either the power-down mode, the clock suspend mode, or the self refresh mode. The CKE is an asynchronous input.
35	CLK	CLK is the master clock input for this device. Except for CKE, all inputs to this device are acquired in synchronization with the rising edge of this pin.
18	CS	The $\overline{CS}$ input determines whether command input is enabled within the device. Command input is enabled when $\overline{CS}$ is LOW, and disabled with $\overline{CS}$ is HIGH. The device remains in the previous state when $\overline{CS}$ is HIGH.
2, 3, 5, 6, 8, 9, 11, 12, 39, 40, 42, 43, 45, 46, 48, 49	I/O0 to I/O15	I/O0 to I/O15 are I/O pins. I/O through these pins can be controlled in byte units using the LDQM and UDQM pins.
14, 36	LDQM, UDQM	LDQM and UDQM control the lower and upper bytes of the I/O buffers. In read mode, LDQM and UDQM control the output buffer. When LDQM or UDQM is LOW, the corresponding buffer byte is enabled, and when HIGH, disabled. The outputs go to theHIGH impedance state when LDQM/UDQM is HIGH. This function corresponds to $\overline{OE}$ in conventional DRAMs. In write mode, LDQM and UDQM control the input buffer. When LDQM or UDQM is LOW, the corresponding buffer byte is enabled, and data can be written to the device. When LDQM or UDQM is HIGH, input data is masked and cannot be written to the device.
17	RAS	$\overline{RAS}$ , in conjunction with $\overline{CAS}$ and $\overline{WE}$ , forms the device command. See the "Command Truth Table" item for details on device commands.
15	WE	$\overline{\text{WE}}$ , in conjunction with $\overline{\text{RAS}}$ and $\overline{\text{CAS}}$ , forms the device command. See the "Command Truth Table" item for details on device commands.
7, 13, 38, 44	VccQ	VccQ is the output buffer power supply.
1, 25	Vcc	Vcc is the device internal power supply.
4, 10, 41, 47	GNDQ	GNDQ is the output buffer ground.
26, 50	GND	GND is the device internal ground.

## MX26LV040-70/EN29LV040A(4M-bit CMOS High Speed Flash Memory)

#### **BLOCK DIAGRAM**



#### **BLOCK DIAGRAM**

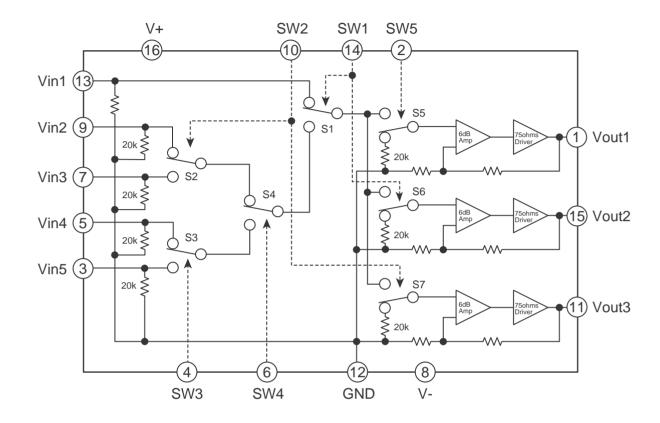
#### 32 OE 31 A10 A9 🗖 30 GE A8 **□** A13 🗖 29 🗖 Q7 A14 🗖 28 🗖 Q6 27 Q5 26 Q4 25 Q3 A17 🗖 WE 🗖 Vcc □ 24 GND A18 🗖 23 🗖 Q2 A16 🗖 22 Q1 21 Q0 20 A0 19 A1 A15 🗖 A12 🗖 A7 🗖 A6 🗖 14 18 🗖 A2 A5 🗖 15

#### **PIN DESCRIPTION**

SYMBOL	PIN NAME
A0~A18	Address Input
Q0~Q7	Data Input/Output
CE	Chip Enable Input
WE	Write Enable Input
ŌĒ	Output Enable Input
VCC	Power Supply Pin (+5V)
GND	Ground Pin

## NJM2595M(5-INPUT 3-OUTPUT VIDEO SWITCH)

## **BLOCK DIAGRAM**



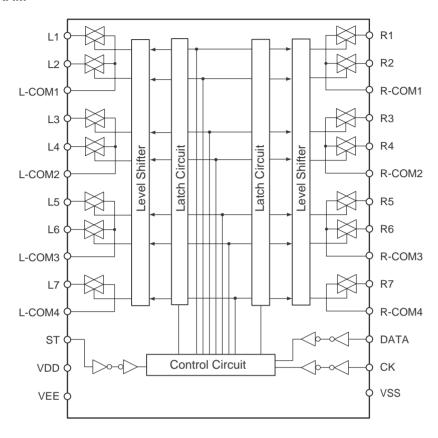
#### TRUTH TABLE

Control Signal vs. Output Signal (L=VCL, H=VCH, X=L or H)

SW1	SW2	SW3	SW4	SW5	Vout1	Vout2	Vout3		
	Н			Н	Vin1	MUTE	Vin1		
L	L	X	X	Н	Vin1	MUTE	MUTE		
	Н			L	MUTE	MUTE	Vin1		
Н	L	X	L	Н	Vin2	Vin2	MUTE		
11	L	Λ	L	L	MUTE	Vin2	MUTE		
Н	11	11	Н	X	Ţ	Н	Vin3	Vin3	Vin3
П	п	A	L	L	MUTE	Vin3	Vin3		
	Н		н	Н	Vin4	Vin4	Vin4		
Н	Н	L		L	MUTE	Vin4	Vin4		
	L		11	Н	Vin4	Vin4	MUTE		
	L			L	MUTE	Vin4	MUTE		
	Н			Н	Vin5	Vin5	Vin5		
Н	Н	Н	Н	L	MUTE	Vin5	Vin5		
	L	11	11	Н	Vin5	Vin5	MUTE		
	L			L	MUTE	Vin5	MUTE		
L	L	X	X	L	MUTE	MUTE	MUTE		

## **NJU7311AM (Analog Function Switch)**

#### **BLOCK DIAGRAM**

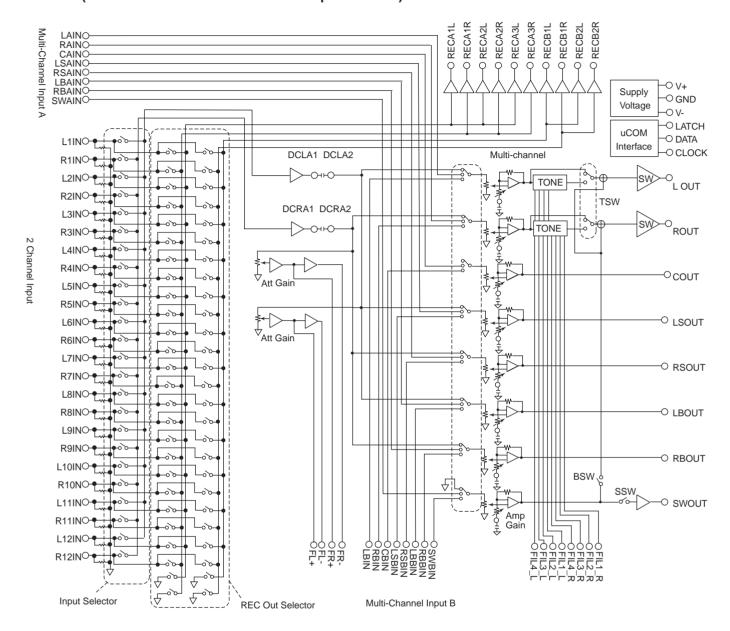


#### **TERMINAL DESCRIPTION**

Pin No.	Pin Name	Description	
1	VEE	Negative Voltage Supply	
2	L1	Analog switch input/output	
3	L2	Analog switch input/output	
4	L-COM1	L1, L2, Common	
5	L3	Analog switch input/output	
6	L4	Analog switch input/output	
7	L-COM2	L3, L4 common	
8	L5	Analog switch input/output	
9	L6	Analog switch input/output	
10	L-COM3	L5, L6 Common	
11	L7	Analog switch input/output	
12	L-COM4	L7 Common	
13	ST	Chip enable	
14	VSS	GND	

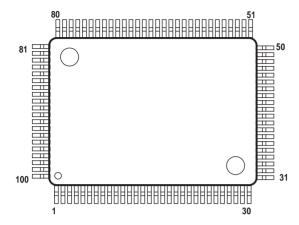
Pin No.	Pin Name	Description	
15	CK	Clock input	
16	DATA	Data input	
17	R-COM4	R7 Common	
18	R7	Analog switch input/output	
19	R-COM3	R5, R6 Common	
20	R6	Analog switch input/output	
21	R5	Analog switch input/output	
22	R-COM2	R3, R4 Common	
23	R4	Analog switch input/output	
24	R3	Analog switch input/output	
25	R-COM1	R1, R2, Common	
26	R2	Analog switch input/output	
27	R1	Analog switch input/output	
28	VDD	Positive voltage supply	

NJW1157(8-Channel Electronic Volume with Input Selector)



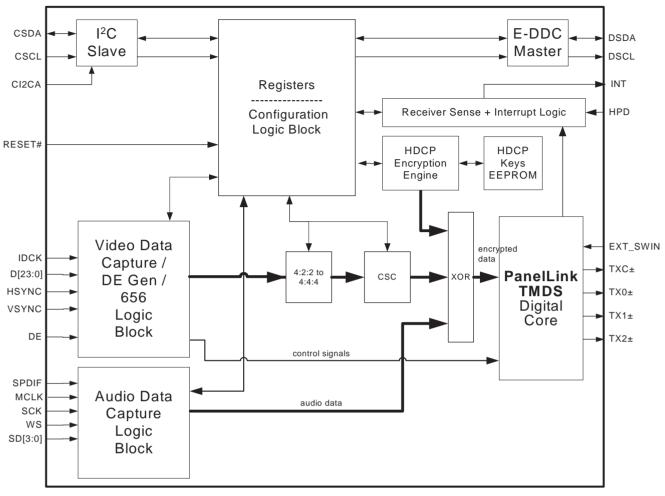
NJW1157(8-Channel Electronic Volume with Input Selector)

PIN FUNCTION

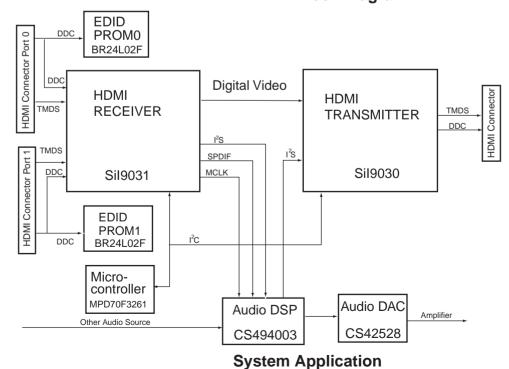


No.	SYMBOL	FUNCTION	No.	SYMBOL	FUNCTION
1	LOUT	Lch output	51	L1IN	"Input selector" Lch input 1
2	ROUT	Rch output		R1IN	"Input selector" Rch input 1
3	COUT	Cch output	52 53	L2IN	"Input selector " Lch input 2
4	LSOUT	LSch output	54	R2IN	"Input selector" Rch input 2
5	RSOUT	RSch output	55	L3IN	"Input selector " Lch input 3
6	LBOUT	LBch output	56	R3IN	·
7	RBOUT	RBch output	57	L4IN	"Input selector" Rch input 3 "Input selector" Lch input 4
8	SWOUT	SWch output	58	R4IN	"Input selector" Rch input 4
9	DC L1	Lch Bass filter DC cut capacitor output terminal	59	L5IN	"Input selector" Lch input 5
10	DC_L1	Lch Bass filter DC cut capacitor output terminal	60	R5IN	"Input selector" Rch input 5
11	FIL BL	Lch Bass filter terminal	61	L6IN	"Input selector" Lch input 6
12	FIL_TL	Lch Treble filter terminal	62	R6IN	· · · · · · · · · · · · · · · · · · ·
				L7IN	"Input selector" Rch input 6
13	DC_R1 DC_R2	Rch Bass filter DC cut capacitor output terminal	63	R7IN	"Input selector" Lch input 7
14		Rch Bass filter DC cut capacitor input terminal	64		"Input selector" Rch input 7
15	FIL_BR	Rch Bass filter terminal	65	L8IN	"Input selector" Lch input 8
16	FIL_TR	Rch Treble filter terminal	66	R8IN	"Input selector" Rch input 8
17	N.C.	No connect	67	L9IN	"Input selector" Lch input 9
18	N.C.	No connect	68	R9IN	"Input selector" Rch input 9
19	V+	+ Power supply voltage input	69	L10IN	"Input selector" Lch input 10
20	V-*	- Power supply voltage input	70	R10IN	"Input selector" Rch input 10
21	REC_A1L	"Input selector" Lch REC output A1	71	L11IN	"Input selector" Lch input 11
22	REC_A1R	"Input selector" Rch REC output A1	72	R11IN	"Input selector" Rch input 11
23	REC_A2L	"Input selector" Lch REC output A2	73	L12IN	"Input selector" Lch input 12
24	REC_A2R	"Input selector" Rch REC output A2	74	R12IN	"Input selector" Rch input 12
25	REC_A3L	"Input selector" Lch REC output A3	75	NC	No connect
26	REC_A3R	"Input selector" Rch REC output A3	76	DGND	Digital Ground
27	REC_B1L	"Input selector" Lch REC output B1	77	DATA	Control data signal input
28	REC_B1R	"Input selector" Rch REC output B1	78	CLOCK	Clock signal input
29	REC_B2L	"Input selector" Lch REC output B2	79	LATCH	Latch signal input
30	REC_B2R	"Input selector" Rch REC output B2	80	LAIN	Multi-channel Lch input A
31	DCCAP_L	Switching noise rejection capacitor	81	RAIN	Multi-channel Rch input A
32	DCCAP_R	Switching noise rejection capacitor	82	CAIN	Multi-channel Cch input A
33	DCCAP_C	Switching noise rejection capacitor	83	LSAIN	Multi-channel LSch input A
34	GND	Ground	84	RSAIN	Multi-channel RSch input A
35	GND	Ground	85	LBAIN	Multi-channel LBch input A
36	DCCAP_LS	Switching noise rejection capacitor	86	RBAIN	Multi-channel RBch input A
37	DCCAP_RS	Switching noise rejection capacitor	87	SWAIN	Multi-channel SWch input A
38	DCCAP_LB	Switching noise rejection capacitor	88	LBIN	Multi-channel Lch input B
39	DCCAP_RB	Switching noise rejection capacitor	89	RBIN	Multi-channel Rch input B
40	DCCAP_SW	Switching noise rejection capacitor	90	CBIN	Multi-channel Cch input B
41	DCL_OUT	"Input selector" Lch output	91	LSBIN	Multi-channel LSch input B
42	DCL_IN	"Multi-channel selector" Lch output	92	RSBIN	Multi-channel RSch input B
43	DCR_OUT	"Input selector" Rch output	93	LBBIN	Multi-channel LBch input B
44	DCR_IN	"Multi-channel selector" Rch output	94	RBBIN	Multi-channel RBch input B
45	FL+	"Input selector gain control" Lch no-inverted output	95	SWBIN	Multi-channel SWch input B
46	FL-	"Input selector gain control" Lch inverted output	96	GND	Ground
47	FR+	"Input selector gain control" Rch no-inverted output	97	GND	Ground
48	FR-	"Input selector gain control" Rch inverted output	98	VSSOUT2	Internal Digital -Power Supply Output 2
49	VDDOUT	Internal Digital +Power Supply Output	99	VDDOUT2	Internal Digital +Power Supply Output 2
50	VSSOUT	Internal Digital -Power Supply Output	100	TCCAP	Switching noise rejection capacitor

Sil9030(HDMI PanelLink Transmitter)



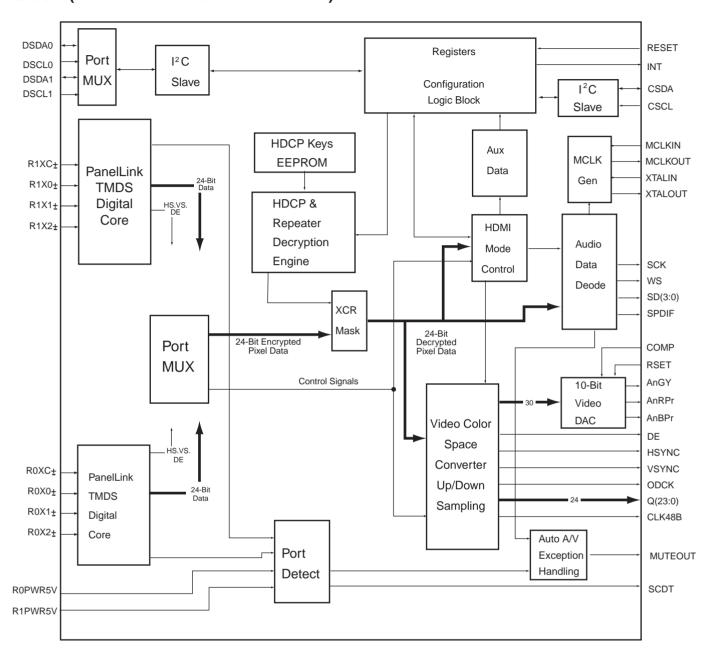
## **Block Diagram**



# Sil9030(HDMI PanelLink Transmitter)

	In:		In the state of th	To a
	Pin Name		Description	Use
1	HSYNC	<u> </u>	Horizontal Sync input control signal	Video and Audio
2	VSYNC		Vertical Sync input control signal	Video and Audio
3	CGND		Digital core GND.	Ground
4	CVCC18		Digital core VCC. Connect to 1.8V supply.	Power
5	SPDIF		S/PDIF Audio input	Video and Audio
6	MCLK		Audio Input Master Clock	Video and Audio
7	SD3		I2S Serial Data	Video and Audio
8	SD2	- 1	I2S Serial Data	Video and Audio
9	SD1		I2S Serial Data	Video and Audio
10	SD0		I2S Serial Data	Video and Audio
11	WS		I2S Word Select	Video and Audio
12	SCK	l i	I2S Serial Clock	Video and Audio
13	IOVCC	<u> </u>	IO Pin VCC. Connect to 3.3V supply.	Power
14	IOGND	_	IO Pin GND.	Ground
15	CGND		Digital core GND.	Ground
16	CVCC18		Digital core VCC. Connect to 1.8V supply.	Power
_				
17	INT	0	Interrupt Output.	Confirration/Programming
18	HPD		Hot Plug Detect Input.	Confirration/Programming
19	DSDA		DDC data	Control
20	DSCL	1/0	DDC Clock	Control
21	RSVDL		Reserved for use by Silicon image, and must be tied LOW.	Confirration/Programming
22	PGND1		TMDS Core PLL Ground.	Ground
23	PVCC1		TMDS Core PLL Power. Connect to 3.3V supply.	Power
24	EXT_SWING	ı	Voltage Swing Adjustment. The resistor between AVCC and this pin determines the amplitude of the voltage swing.	Differential signal data
25	AGND		Analog GND.	Ground
26	TXC-	0		1
27	TXC+	Ö	TMDS output clock.	Differential signal data
28	AVCC		Analog VCC. Connect to 3.3Vsupply.	Power
29	TX0-	0	TMDS output data.	Differential signal data
30	TX0+	0	· · · · · · · · · · · · · · · · · · ·	
31	AGND		Analog GND.	Ground
32	TX1-	0	TMD0tt-d-t-	Differential aireal data
33	TX1+	0	TMDS output data.	Differential signal data
34	AVCC		Analog VCC. Connect to 3.3Vsupply.	Power
35	TX2-	0		
36	TX2+	Õ	TMDS output data.	Differential signal data
37	AGND	<u> </u>	Analog GND.	Ground
38	PVCC2		Filter PLL Power. Connect to 3.3V supply.	POwer
		_	Filter PLL Ground.	
39	PGND2	_		Ground
40	NC	<b>.</b>	Not connected.	0 1 1
41	CI2CA		I2C device address select	Control
42	RESET	1	Reset Pin. Active LOW	Control
43	CSCL		I2C Clock	Control
44	CSDA	I/O	I2C Data	Control
45	CVCC18		Digital core VCC. Connect to 1.8V supply.	Power
46	CGND		Digital core GND.	Ground
47	IOGND		IO Pin GND.	Ground
48	IOVCC		IO Pin VCC. Connect to 3.3V supply.	Power
49	D23			
50	D22			
51	D21	l i		
52	D20	<del>Li</del>	1	I
53	D19		142 hit lanut Divel Date Due These pine are used in 24 hit made single	1
54		i i	112-bit input Pixel Data Bus. These bins are used in 74-bit mode. Sindle-	
			12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-	Video and Audio
	D18	i	edge mode.	Video and Audio
55	D18 D17	i	, , , , , , , , , , , , , , , , , , ,	Video and Audio
55 56	D18 D17 D16	i I	, , , , , , , , , , , , , , , , , , ,	Video and Audio
55 56 57	D18 D17 D16 D15	i	, , , , , , , , , , , , , , , , , , ,	Video and Audio
55 56 57 58	D18 D17 D16 D15 D14	i I	edge mode.	
55 56 57 58 59	D18 D17 D16 D15 D14 CVCC18	i I	edge mode.  Digital core VCC. Connect to 1.8V supply.	Power
55 56 57 58 59 60	D18 D17 D16 D15 D14 CVCC18 CGND		edge mode.	
55 56 57 58 59 60 61	D18 D17 D16 D15 D14 CVCC18 CGND D13		edge mode.  Digital core VCC. Connect to 1.8V supply.	Power
55 56 57 58 59 60 61 62	D18 D17 D16 D15 D14 CVCC18 CGND D13 D12		edge mode.  Digital core VCC. Connect to 1.8V supply.	Power Ground
55 56 57 58 59 60 61 62 63	D18 D17 D16 D15 D14 CVCC18 CGND D13 D12 D11		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-	Power
55 56 57 58 59 60 61 62 63 64	D18 D17 D16 D15 D14 CVCC18 CGND D13 D12 D11 D10		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.	Power Ground
55 56 57 58 59 60 61 62 63	D18 D17 D16 D15 D14 CVCC18 CGND D13 D12 D11		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.	Power Ground
55 56 57 58 59 60 61 62 63 64	D18 D17 D16 D15 D14 CVCC18 CGND D13 D12 D11 D10		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-	Power Ground
55 56 57 58 59 60 61 62 63 64 65	D18 D17 D16 D15 D14 CVCC18 CGND D13 D12 D11 D10 D9		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.	Power Ground Video and Audio
55 56 57 58 59 60 61 62 63 64 65 66	D18 D17 D16 D15 D15 D14 CVCC18 CGND D13 D12 D11 D10 D9 IDCK		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.	Power Ground Video and Audio Video and Audio
55 56 57 58 59 60 61 62 63 64 65 66 67	D18 D17 D16 D15 D14 CVCC18 CGND D13 D12 D11 D10 D9 IDCK D8 D7		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  Input Data Clock	Power Ground Video and Audio
55 56 57 58 59 60 61 62 63 64 65 66 66 67 68	D18 D17 D16 D15 D14 CVCC18 CGND D13 D12 D11 D10 D9 IDCK D8 D7 D6		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  Input Data Clock  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-	Power Ground Video and Audio Video and Audio
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	D18 D17 D16 D15 D15 D14 CVCC18 CGND D13 D12 D11 D10 D9 IDCK D8 D7 D6 D6 D5		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  Input Data Clock  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.	Power Ground Video and Audio Video and Audio Video and Audio
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	D18 D17 D16 D15 D15 D14 CVCC18 CGND D13 D12 D11 D10 D9 IDCK D8 D7 D6 D5 IOVCC		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  Input Data Clock  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  IO Pin VCC. Connect to 3.3V supply.	Power Ground Video and Audio Video and Audio Video and Audio Power
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72	D18 D17 D16 D15 D15 D14 CVCC18 CGND D12 D11 D10 D9 IDCK D8 D7 D6 D5 IOVCC IOGND		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  Input Data Clock  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  IO Pin VCC. Connect to 3.3V supply. IO Pin GND.	Power Ground  Video and Audio  Video and Audio  Video and Audio  Power Ground
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73	D18 D17 D16 D15 D15 D14 CVCC18 CGND D13 D12 D11 D10 D9 IDCK D8 D7 D6 D5 IOVCC IOGND CGND		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  Input Data Clock  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  IO Pin VCC. Connect to 3.3V supply. IO Pin GND. Digital core GND.	Power Ground  Video and Audio  Video and Audio  Video and Audio  Power Ground Ground
55 56 57 58 59 60 61 62 63 64 65 66 67 70 71 72 73 74	D18 D17 D16 D15 D15 D14 CVCC18 CGND D13 D12 D11 D10 D9 IDCK D8 D7 D6 D5 IOVCC IOGND CGND CVCC18		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  Input Data Clock  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  IO Pin VCC. Connect to 3.3V supply. IO Pin GND.	Power Ground  Video and Audio  Video and Audio  Video and Audio  Power Ground
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74	D18 D17 D16 D15 D15 D14 CVCC18 CGND D13 D12 D11 D10 D9 IDCK D8 D7 IDCK D8 D7 IGND CGND CGND CGND CGND CGND CGND		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  Input Data Clock  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  IO Pin VCC. Connect to 3.3V supply. IO Pin GND. Digital core GND.	Power Ground  Video and Audio  Video and Audio  Video and Audio  Power Ground Ground
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	D18 D17 D16 D15 D15 D14 CVCC18 CGND D13 D12 D11 D10 D9 IIDCK D8 D7 D6 D5 IOVCC IOGND CGND CGND CCVCC18 D4 D3		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  Input Data Clock  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  IO Pin VCC. Connect to 3.3V supply. IO Pin GND. Digital core GND. Digital core VCC. Connect to 1.8V supply.	Power Ground  Video and Audio  Video and Audio  Video and Audio  Power Ground Ground Power
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74	D18 D17 D16 D15 D15 D14 CVCC18 CGND D13 D12 D11 D10 D9 IDCK D8 D7 IDCK D8 D7 IGND CGND CGND CGND CGND CGND CGND		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  Input Data Clock  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  IO Pin VCC. Connect to 3.3V supply. IO Pin GND. Digital core GND. Digital core VCC. Connect to 1.8V supply.	Power Ground  Video and Audio  Video and Audio  Video and Audio  Power Ground Ground
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	D18 D17 D16 D15 D15 D14 CVCC18 CGND D13 D12 D11 D10 D9 IIDCK D8 D7 D6 D5 IOVCC IOGND CGND CGND CCVCC18 D4 D3		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  Input Data Clock  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  IO Pin VCC. Connect to 3.3V supply. IO Pin GND. Digital core GND. Digital core VCC. Connect to 1.8V supply.	Power Ground  Video and Audio  Video and Audio  Video and Audio  Power Ground Ground Power
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	D18 D17 D16 D17 D16 D15 D14 CVCC18 CGND D12 D11 D10 D9 IDCK D8 D7 D6 D5 IOVCC IOGND CGND CGND CVCC18 D4 D3 D2		edge mode.  Digital core VCC. Connect to 1.8V supply. Digital core GND.  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  Input Data Clock  12-bit Input Pixel Data Bus. These pins are used in 24-bit mode, single-edge mode.  IO Pin VCC. Connect to 3.3V supply. IO Pin GND. Digital core GND. Digital core VCC. Connect to 1.8V supply.	Power Ground  Video and Audio  Video and Audio  Video and Audio  Power Ground Ground Power

Sil9031(HDMI PanelLink Cinema Receiver)



# Sil9031(HDMI PanelLink Cinema Receiver)

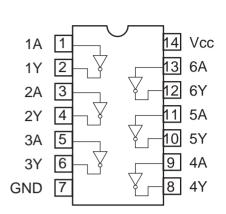
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Pin Name DE HSYNC VSYNC IOGND IOVCC DACOVCC DACAGND VREF RSET COMP DACGNDR DACVCCR AnRPr DACGNDG DACVCCG AnGY	0 0	Description Data Enable Horizontal Snyc Output Control signal Vertical Snyc Output Control signal Input/Output Pin GND Input/Output Pin VCC (3.3V) DAC Output VCC (3.3V) DAC Analog VCC (3.3V) DAC Analog GND Connects Full Scale Adjust Resistor. Compensation. Provides compensation for the DAC's internal reference amplifier. DAC Red GND DAC Red VCC (3.3V)	Use Digital Video Digital Video Digital Video Digital Video Ground Power Power Power Ground Configuration/Programming Analog Video Ground Ground
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	HSYNC VSYNC IOGND IOVCC DACOVCC DACAGND VREF RSET COMP DACGNDR DACGNDR DACGNDR DACGNDR DACGNDR DACCCC DACGNDC DACGNDR DACCCC DACAGNDR DACCCCC DACAGNDR DACCCCC DACAGNDR DACCCCC	0	Horizontal Snyc Output Control signal Vertical Snyc Output Control signal Input/Output Pin GND Input/Output Pin VCC (3.3V) DAC Output VCC (3.3V) DAC Analog VCC (3.3V) DAC Analog GND  Connects Full Scale Adjust Resistor. Compensation. Provides compensation for the DAC's internal reference amplifier. DAC Red GND	Digital Video Digital Video Ground Power Power Power Ground Configuration/Programming Analog Video
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	IOGND IOVCC DACOVCC DACAVCC DACAVCC DACAGND VREF RSET COMP DACGNDR DACVCCR AnRPr DACGNDG DACGNDG		Input/Output Pin GND Input/Output Pin GND Input/Output Pin VCC (3.3V) DAC Output VCC (3.3V) DAC Analog VCC (3.3V) DAC Analog GND  Connects Full Scale Adjust Resistor. Compensation. Provides compensation for the DAC's internal reference amplifier. DAC Red GND	Ground Power Power Power Ground Configuration/Programming Analog Video Analog Video
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	IOVCC DACOVCC DACAVCC DACAGND VREF RSET COMP DACGNDR DACCCR AnRPr DACGNDG DACVCCG	0	Input/Output Pin GND Input/Output Pin GND Input/Output Pin VCC (3.3V) DAC Output VCC (3.3V) DAC Analog VCC (3.3V) DAC Analog GND  Connects Full Scale Adjust Resistor. Compensation. Provides compensation for the DAC's internal reference amplifier. DAC Red GND	Ground Power Power Power Ground Configuration/Programming Analog Video Analog Video
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	IOVCC DACOVCC DACAVCC DACAGND VREF RSET COMP DACGNDR DACCCR AnRPr DACGNDG DACVCCG	0	Input/Output Pin VCC (3.3V)  DAC Output VCC (3.3V)  DAC Analog VCC (3.3V)  DAC Analog GND  Connects Full Scale Adjust Resistor.  Compensation. Provides compensation for the DAC's internal reference amplifier.  DAC Red GND	Power Power Ground Configuration/Programming Analog Video Analog Video
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	DACAVCC DACAGND VREF RSET COMP DACGNDR DACVCCR AnRPr DACGNDG DACVCCG	0	DAC Analog VCC (3.3V) DAC Analog GND  Connects Full Scale Adjust Resistor. Compensation. Provides compensation for the DAC's internal reference amplifier.  DAC Red GND	Power Ground Configuration/Programming Analog Video Analog Video
8 9 10 11 12 13 14 15 16 17 18 19 20 21	DACAGND VREF RSET COMP DACGNDR DACVCCR AnRPr DACGNDG DACVCCG	0	DAC Analog GND  Connects Full Scale Adjust Resistor.  Compensation. Provides compensation for the DAC's internal reference amplifier.  DAC Red GND	Ground Configuration/Programming Analog Video Analog Video
9 10 11 12 13 14 15 16 17 18 19 20 21	VREF RSET COMP DACGNDR DACVCCR AnRPr DACGNDG DACVCCG	0	Connects Full Scale Adjust Resistor. Compensation. Provides compensation for the DAC's internal reference amplifier. DAC Red GND	Configuration/Programming Analog Video Analog Video
10 11 12 13 14 15 16 17 18 19 20 21	RSET COMP  DACGNDR DACVCCR AnRPr DACGNDG DACVCCG	0	Compensation. Provides compensation for the DAC's internal reference amplifier.  DAC Red GND	Analog Video Analog Video
11 12 13 14 15 16 17 18 19 20 21	COMP  DACGNDR  DACVCCR  AnRPr  DACGNDG  DACVCCG	0	Compensation. Provides compensation for the DAC's internal reference amplifier.  DAC Red GND	Analog Video
12 13 14 15 16 17 18 19 20 21	DACGNDR DACVCCR AnRPr DACGNDG DACVCCG	0	DAC's internal reference amplifier.  DAC Red GND	
13 14 15 16 17 18 19 20 21	DACVCCR AnRPr DACGNDG DACVCCG	0	DAC Red GND	Ground
13 14 15 16 17 18 19 20 21	DACVCCR AnRPr DACGNDG DACVCCG	0		ICTIOURG
14 15 16 17 18 19 20 21	AnRPr DACGNDG DACVCCG	0		Power
15 16 17 18 19 20 21	DACGNDG DACVCCG		Analog Video Red, Pr Output.	Analog Video
16 17 18 19 20 21	DACVCCG		DAC Green GND	Ground
17 18 19 20 21		1	DAC Green VCC (3.3V)	Power
18 19 20 21		0	Analog Video Green, Y Output.	Analog Video
19 20 21	DACGNDB		DAC Blue GND	Ground
20 21	DACVCCB		DAC Blue VCC (3.3V)	Power
21	AnBPb	0	Analog Video Blue, Pb Output.	Analog Video
22	DACDGND		DAC Digital GND	Ground
	DACDVCC18		DAC Digital VCC (1.8V)	Power
	CVCC18		Digital Logic VCC (1.8V)	Power
	CGND		Digital Logic GND	Ground
-	IOGND		Input/Output Pin GND	Ground
	IOVCC		Input/Output Pin VCC (3.3V)	Power
-	CSDA	I/O	Configuration I2C Data	Configuration/Programming
28	CSCL	1 1/0	Configuration I2C Clock	Configuration/Programming
	DSDA1	1/0	DDC I2C Data for Port 1	Configuration/Programming
	DSCL1	1/0	DDC I2C Clock for Port 1 DDC I2C Data for Port 0	Configuration/Programming Configuration/Programming
	DSDA0 DSCL0	1/0	DDC I2C Data for Port 0	Configuration/Programming
	R1PWR5V	<del>                                     </del>	Port 1 Transmitter Detect	Configuration/Programming
	R0PWR5V	<del>+                                    </del>	Port 0 Transmitter Detect	Configuration/Programming
	DVCC18	+ -	ACR PLL VCC (1.8V)	Power
	DGND		ACR PLL GND	Ground
37	PVCC0	1	TMDS Port 0 PLL VCC (3.3V)	Power
	AVCC	1	TMDS Analog VCC (3.3V)	Power
39	R0XC-	I	TMDS Input Clock for HDMI Port 0.	Diffrential Signal
40	R0XC+	I	TMDS Input Clock for HDMI Port 0.	Diffrential Signal
	AGND		TMDS Analog GND	Ground
	AVCC	1	TMDS Analog VCC (3.3V)	Power
	R0X0-	1 !	TMDS Input data for HDMI Port 0.	Diffrential Signal
	R0X0+		TMDS Input data for HDMI Port 0.	Diffrential Signal
-	AGND		TMDS Analog GND	Ground
	AVCC	+ -	TMDS Analog VCC (3.3V)	Power Diffrantial Signal
	R0X1- R0X1+	+ +	TMDS Input data for HDMI Port 0. TMDS Input data for HDMI Port 0.	Diffrential Signal Diffrential Signal
-	AGND	+ '-	TMDS Input data for HDMI Port 0.  TMDS Analog GND	Ground
	AVCC	+	TMDS Analog VCC (3.3V)	Power
	R0X2-	+ -	TMDS Input data for HDMI Port 0.	Diffrential Signal
	R0X2+	<del>† i</del>	TMDS Input data for HDMI Port 0.	Diffrential Signal
	AGND	T -	TMDS Analog GND	Ground
	TMDSPGND		TMDS PLL GND	Ground
	PVCC1		TMDS Port 1 PLL VCC (3.3V)	Power
	RSVD_A	<u> </u>	Reserved Pin, leave unconnected.	Configuration/Programming
	AVCC		TMDS Analog VCC (3.3V)	Power
	R1XC-	I	TMDS Input Clock for HDMI Port 1.	Diffrential Signal
	R1XC+		TMDS Input Clock for HDMI Port 1.	Diffrential Signal
	AGND	-	TMDS Analog GND	Ground
	AVCC	+	TMDS Analog VCC (3.3V)	Power
	R1X0-	++	TMDS Input data for HDMI Port 1.	Diffrential Signal
	R1X0+	+-	TMDS Input data for HDMI Port 1.	Diffrential Signal
	AGND	+	TMDS Analog GND	Ground
	AVCC	+ -	TMDS Analog VCC (3.3V)	Power Diffrantial Signal
	R1X1-	++	TMDS Input data for HDMI Port 1.	Diffrential Signal
	R1X1+	++	TMDS Input data for HDMI Port 1.	Diffrential Signal Ground
	AGND AVCC	+	TMDS Analog GND TMDS Analog VCC (3.3V)	Power
	R1X2-	+ -	TMDS Input data for HDMI Port 1.	Diffrential Signal
	R1X2+	<del>                                     </del>	TMDS Input data for HDMI Port 1.	Diffrential Signal

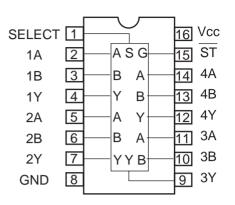
# Sil9031(HDMI PanelLink Cinema Receiver)

73         DGND         ACR PLL GND         G           74         DVCC18         ACR PLL VCC (1.8V)         Pc           75         IOGND         Input/Output Pin GND         G           76         IOVCC         Input/Output Pin VCC (3.3V)         Pc           77         MUTEOUT         O Mute Audio Output         Di           78         SPDIF         O S/PDIF Audio Output         Di           79         CVCC18         Digital Logic VCC (1.8V)         Pc           80         CGND         Digital Logic GND         G	se round ower round ower igital Audio igital Audio ower
74         DVCC18         ACR PLL VCC (1.8V)         Pc           75         IOGND         Input/Output Pin GND         G           76         IOVCC         Input/Output Pin VCC (3.3V)         Pc           77         MUTEOUT         O Mute Audio Output         Di           78         SPDIF         O S/PDIF Audio Output         Di           79         CVCC18         Digital Logic VCC (1.8V)         Pc           80         CGND         Digital Logic GND         G	ower round ower igital Audio igital Audio
75         IOGND         Input/Output Pin GND         G           76         IOVCC         Input/Output Pin VCC (3.3V)         Pr           77         MUTEOUT         O Mute Audio Output         Di           78         SPDIF         O S/PDIF Audio Output         Di           79         CVCC18         Digital Logic VCC (1.8V)         Pr           80         CGND         Digital Logic GND         G	round ower igital Audio igital Audio
76         IOVCC         Input/Output Pin VCC (3.3V)         Potential           77         MUTEOUT         O Mute Audio Output         Di           78         SPDIF         O S/PDIF Audio Output         Di           79         CVCC18         Digital Logic VCC (1.8V)         Potential Logic GND           80         CGND         Digital Logic GND         G	ower igital Audio igital Audio
77         MUTEOUT         O         Mute Audio Output         Di           78         SPDIF         O         S/PDIF Audio Output         Di           79         CVCC18         Digital Logic VCC (1.8V)         Pc           80         CGND         Digital Logic GND         G	igital Audio igital Audio
78         SPDIF         O         S/PDIF Audio Output         Digital Section of Control of Co	igital Audio
79         CVCC18         Digital Logic VCC (1.8V)         Po           80         CGND         Digital Logic GND         G	
80 CGND Digital Logic GND G	OWEr
	round
	igital Audio
86 WCK 0 I2S Serial Clock Output Di	igital Audio
87 MCLKIN I Audio Master Clock Input Reference Di	igital Audio
88 MCLKOUT O Audio Master Clock Output Di	igital Audio
89 IOVCC Input/Output Pin VCC (3.3V)	ower
90 IOGND Input/Output Pin GND G	round
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	onfiguration/Programming
	ower
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104 INT O Interrupt Output.	onfiguration/Programming
	ower
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	onfiguration/Programming
	round
	ower
	igital Video
114 CVCC18 Digital Logic VCC (1.8V) Po	ower
115 CGND Digital Logic GND G	round
116 Q19 O 24-bit Output Pixel Data Bus. Di	igital Video
	igital Video
118 Q17 O 24-bit Output Pixel Data Bus. Di	igital Video
	igital Video
	round
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	igital Video
	igital Video
12.1 Q.1.1 0 2.1 0 1. 0 1. 0 0 1. 0 1. 0 1. 0 0 1. 0 1. 0 0 1. 0	igital Video
	igital Video
	round
9	ower
	igital Video
	igital Video
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	igital Video
	igital Video
	round
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	igital Video
	igital Video
142 Q2 O 24-bit Output Pixel Data Bus. Di	igital Video
	igital Video
	igital Video

## 74HC04F(Hex Inverter)

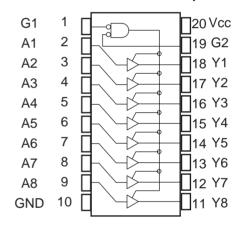
## TC74VHC157FT(Quad 2-channel Multiplexer)





Truth Table								
	OUTPUT							
ST	SELECT	Α	В	OUTFUT				
Н	Х	Х	Х	L				
L	L	L	X	L				
L	L	Н	X	Н				
L	Н	Χ	L	L				
L	Н	X	Н	Н				
•	X:Don't care							

## TC74VHC541FT/T541AFT(Octal buss buffer)

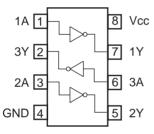


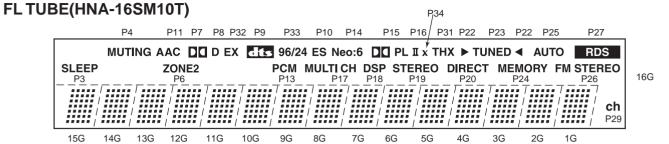
Truth Table

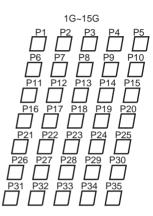
11	NPUT	OUTPUT	
G1	G2	An	Yn
Н	Х	Х	Z
Х	Н	Х	Z
L	L	Н	Н
L	L	L	L

X:Don't care Z:High Impedance

## TC7WU04FU(3 Inverter)

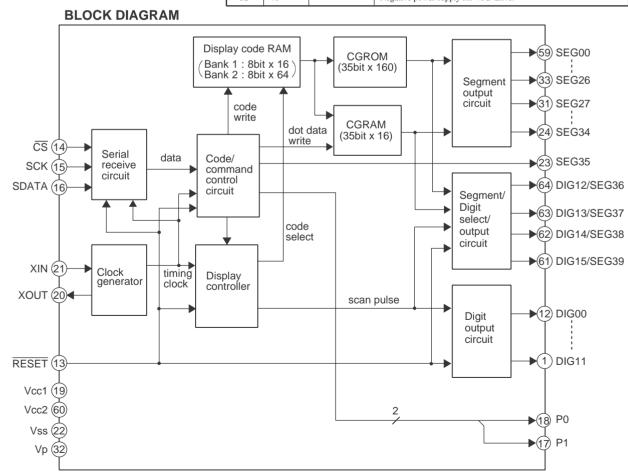


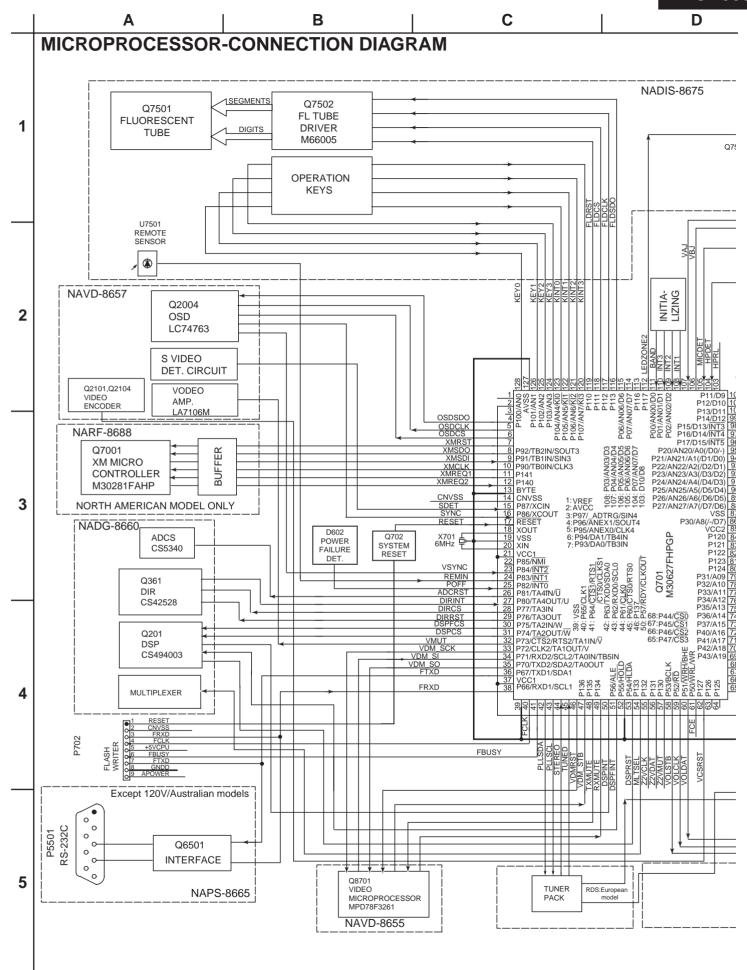


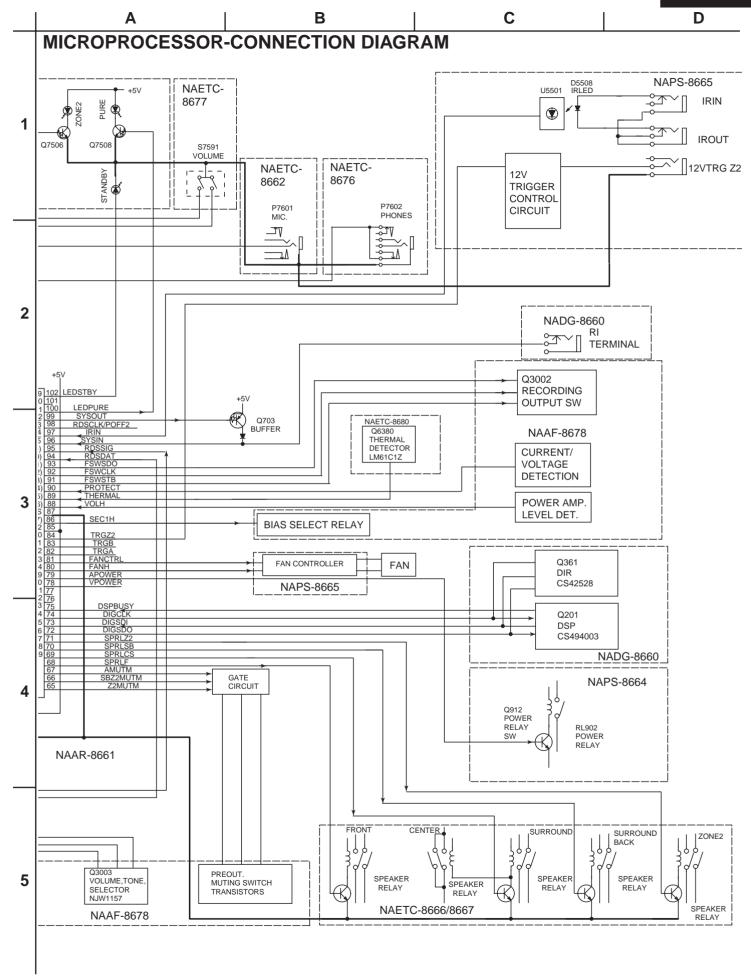


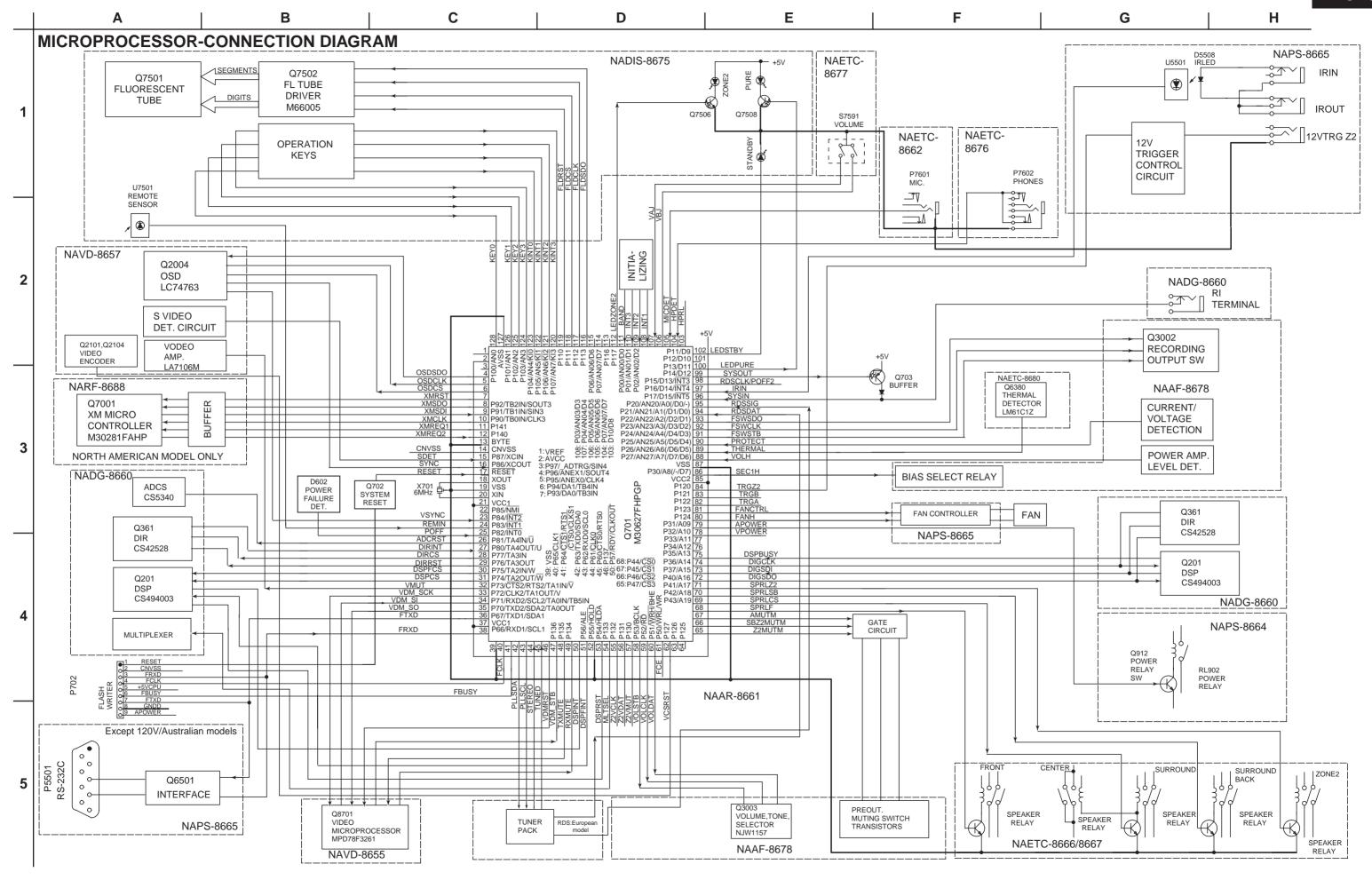
# M66005 (FL tube driver)

#### M66005 TERMINAL DESCRIPTION PIN NO. SYMBOL PIN NAME DESCRIPTION RESET This pin is used to initialize the internal state of the M66005. 13 Reset input 'L": Communication with the MCU is possible. $\overline{CS}$ Chip select input "H": Any instruction from the MCU is neglected. 15 SCK Shift clock input At the rising edge from "L" to "H", input data is shifted. 16 SDATA Serial data input Character code or command data to display is input from MSB. 21, XIN, Clock input This pin is used to connect a resister and a capacitor externally to 20 XOUT Clock output set oscillation frequency. Digit output 1~12 DIG00 These pins are used to connect to digit pins of VFD. 61~64 DIG15 23~31 SEG00 These pins are used to connect to segment pins of VFD. Segment output 33~59 SEG39 17, 18 P0, P1 Output port (static operation) 19 VCC1 Positive power supply for internal logic. 60 VCC2 Positive power supply for high-pressure-resistant output port. 22 VSS 32 VP Negative power supply for VFD drive.









# **MICROPROCESSOR TERMINAL DESCRIPTIONS**

No.	Pin Name	Function	1/0	Act.	Description
1	Vref	Vref	1/0	ACI.	A/D Reference VItage (Vcc)
-	AVcc	AVcc	-		A/D Power supply
3	P97/~ADTRG/SIN4	AVCC	0	Н	No connect
-		OSDSDO	0	Н	
4	P96/ANEX1/SOUT4		0		Data output for on-screen display.
5	P95/ANEX0/CLK4	OSDCLK	-		OSD IC Serial Communication Clock Output.
6	P94/DA1/TB4IN	OSDCS	0	Н.	OSD IC Chip Select Output
7	P93/DA0/TB3IN	XMRST	0	L	Reset output to XM microprocessor.
8	P92/TB2IN/SOUT3	XMSDO	0	H	Serial data output to XM microprocessor.
-	P91/TB1IN/SIN3	XMSDI	1	Н	Serial data input from XM microprocessor.
-	P90/TB0IN/CLK3	XMCLK	0	CLK	Serial clock output to XM microprocessor.
-	P141	~XMREQ1	1	L	Serial data chip request input from XM microprocessor.
12	P140	~XMREQ2	0	Н	Serial data chip request output to XM microprocessor.
	BYTE	BYTE			External bus width select pin. Connects to the ground.
-	CNVSS	CNVss	$\Box$		Processor mode select pin. Connects to the ground via resistor.
$\overline{}$	P87/XCIN	~SDET		L	S Video input detection pin.
-	P86/XCOUT	~SYNC	-	L	Sync. detection pin.
17	~RESET	~RESET	- 1	L	Reset input
18	XOUT	Xout			Ceramic oscillator connection pin.
19	VSS	Vss			Power supply Ground
20	XIN	Xin			Ceramic oscillator connection pin.
	VCC1	Vcc1			Power supply Vcc.
22	P85/~NMI	~NMI		L	Connect the pull-up resistor.
23	P84/~INT2	~VSYNC	Ι	L	Vertical sync signal detection input.
24	P83/~INT1	~REMIN	П	L	Remote control input.
25	P82/~INT0	POFF	Т	Н	Power failure detection input pin.
26	P81/TA4IN/~U	~ADCRST	0	L	Multi channel AD Reset output
27	P80/TA4OUT/U	DIRINT	П	Н	DIR interrupt request detection pin.
	P77/TA3IN	~DIRCS	0	L	DIR/CODEC chip select output pin.
-	P76/TA3OUT	~DIRRST	0	L	DIR/CODEC reset output pin.
_	P75/TA2IN/~W	~DSPFCS	0	L	Chip select output pin for DSP AB
-	P74/TA2OUT/W	~DSPCS	0	L	Chip select output pin for DSP C
	P73/~CTS2/~RTS2/TA1IN/~V	~VMUT	0	L	Video mute control output pin
	P72/CLK2/TA1OUT/V	VDM_SCK	ō	H	Clock output pin to Video microprocessor.
-	P71/RXD2/SCL2/TA0IN/TB5IN	VDM_SI	Ť	Н	Data output pin to Video microprocessor.
35	P70/TXD2/SDA2/TA0OUT	VDM_SO	0	Н.	Data input pin from Video microprocessor.
36	P67/TXD1/SDA1	FTXD	0	Н	Port for writing Flash./RS232 port output.
37	Vcc1	TIND	$\vdash$	- 11	Power supply
38	P66/RXD1/SCL1	FRXD		Н	Port for writing Flash./RS232 port input.
-	Vss	TRAD		- 11	Ground
$\overline{}$	P65/CLK1	FCLK	0	CLK	Port for writing Flash.
$\overline{}$		FBUSY	0	H	· · ·
$\overline{}$	P64/~CTS1/~RTS1/~CTS0/CLKS1				Port for writing Flash.
-	P63/TXD0/SDA0	PLLSDA/VCSDA	1/0	Н	Tuner I2C bus data pin/Video Dec/Enc serial communication data output pin
-	P62/RXD0/SCL0	PLLSCL/VCSCL	0		Tuner I2C bus clock output pin/Video Dec/Enc serial communication clock output pin
44	P61/CLK0	~STEREO	-	L	FM stereo broadcast defection input
45	P60/~CTS0/~RTS0	~TUNED	1	L	Tuner tuned detection input pin
-	P137	~VDMRST	0	H	Reset output pin to video microprocessor.
	P136	VDM_STB		Н	Strobe input pin from video microprocessor.
$\overline{}$	P135	TXMUTE	0	H	Muting output pin to video microprocessor.
$\overline{}$	P134	RXMUTE	Щ	H	Muting input pin from video microprocessor.
-	P57/~RDY/CLKOUT	~DSPINT		L	Interrupt request detection pin for DSP C.
-	P56/ALE	~DSPFINT		L	Interrupt request detection pin for DSP AB.
52	P55/~HOLD				Connect to the ground.
53	P54/~HLDA	~DSPRST	0	L	DSP reset output pin
	P133	MLTSEL	0	Н	Multi Ch AD and HDMI(I2S) select pin
55	P132	Z2VCLK	0	Н	Serial clock output pin for Zone2 Volume IC.
56	P131	Z2VDAT	0	Н	Serial data output pin for Zone2 Volume IC.
57	P130	Z2VMUT	0	Н	Mute control output pin for Zone2 Volume IC.
58	P53/BCLK	VOLSTB	0	Н	Strobe output for Volume
-	P52/~RD	VOLCLK	0	CLK	Serial clock output for Volume
-	P51/~WRH/~BHE	VOLDAT	0	Н	Serial data output for Volume
-	P50/~WRL/~WR	~FCE		Н	Port for writing Flash.
62	P127	~VCRST	0	L	Video Dec/Enc reset control pin
	P126		Ť	_	
	P125	<u> </u>	$\vdash$		
	· ·=v	I			

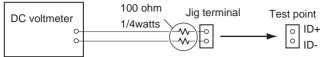
# MICROPROCESSOR TERMINAL DESCRIPTIONS

No.	Pin Name	Function	I/O	Act.	Description
-	P47/~CS3	Z2MUT	0	Н	Zone2 Out mute control pin
	P46/~CS2	SBZ2MUT	0	Н	Surround back/Zone2 mute control.
-	P45/~CS1	AMUT	0	Н	Audio mute control pin
-	P44/~CS0	SPRLF	0	Н	Front speaker relay control pin
69	P43/A19	SPRLCS	0	Н	Center/Surround back speaker relay control pin.
-	P42/A18	SPRLSB	0	Н	Surround back speaker relay control pin.
-	P41/A17	SPRLZ2	0	Н	Zone2 speaker relay control pin
-	P40/A16	DIGSDO	0	H	Serial communication data output pin for DIR/CODEC/DSP.
-	P37/A15	DIGSDI	Ť	H	Serial communication data input pin for DIR/CODEC/DSP.
-	P36/A14	DIGCLK	0	CLK	Serial communication clock output pin for DIR/CODEC/DSP.
-	P35/A13	DSPBUSY	Ť	Н	Busy detection pin for DSP C.
$\overline{}$	P34/A12	DGSW1	0	H	DIGITAL AUDIO MCK select 1. Not used.
-	P33/A11	DGSW2	Ō	H	DIGITAL AUDIO MCK select 2. Not used.
-	P32/A10	VPOWER	0		Power control output for video section
-	P31/A09	APOWER	0		Power source control output
-	P124	FANH	0	L	Fan speed control pin. High: Low speed Low: High speed
-	P123	FANCTRL	0	L	Fan operation control pin. High: Stop Low: Rotation
-	P123		0	<u> </u>	
-		TRGA	_		12V trigger output A
$\overline{}$	P121	TRGB	0	H	12V trigger output B
-	P120	TRGZ2	U	Н	12V trigger output ZONE2
-	VCC2	Vcc2			Power supply Valters a select control sin
-	P30/A8(/-/D7)	SEC1H	0	Н	Voltage select control pin
-	VSS	Vss			Ground
-	P27/AN27/A7(/D7/D6)	VOLH	ı	A/D	Signal level detection circuit
-	P26/AN26/A6(/D6/D5)	THERMAL	- 1	A/D	Thermal detection pin
	P25/AN25/A5(/D5/D4)	PROTECT		Н	Protection circuit detection circuit
	P24/AN24/A4(/D4/D3)	FSWSTB	0	Н	Strobe output pin for function switch
	P23/AN23/A3(/D3/D2)	FSWCLK	0	Н	Serial clock output pin for function switch
	P22/AN22/A2(/D2/D1)	FSWSDO	0	Н	Serial data output pin for function switch
94	P21/AN21/A1(/D1/D0)	RDSDAT	ı	Н	Serial data input pin for RDS
95	P20/AN20/A0(/D0/-)	RDSSIG	- 1	Н	Demodulator data input pin for RDS
96	P17/D15/~INT5	SYSIN	- 1	Н	RI input pin
97	P16/D14/~INT4	~IRIN	- 1	L	IRIN remote control input pin
98	P15/D13/~INT3	~RDSCLK/POFF2	- 1	L	Serial clock input pin for RDS
99	P14/D12	~SYSOUT	0	L	RI output pin
100	P13/D11	LEDPURE	0	Н	Pure Audio LED control output pin
101	P12/D10				
102	P11/D9	LEDSTBY	0	Н	STANDBY LED control pin
103	P10/D8	HPRL	0	Н	Headphone relay control pin
104	P07/AN07/D7	HPDET	Ι	Н	Headphone detection input
105	P06/AN06/D6	~MICDET	ı	L	Microphone detection input
106	P05/AN05/D5	VOLB	Ι	CLK	Rotary encoder input for Volume
-	P04/AN04/D4	VOLA	Т	CLK	Rotary encoder input for Volume
-	P03/AN03/D3	INIT3	Τ		Initializing pin 3
-	P02/AN02/D2	INIT2	Τ	A/D	Initializing pin 2
	P01/AN01/D1	INIT1	Ī	A/D	Initializing pin 1
	P00/AN00/D0	BAND	Ī		Initializing pin for tuner section
	P117	LEDZONE2	0	H	Zone2 LED control pin
	P116				
	P115				
	P114				
	P113	FLDSDO	0	Н	Serial data output for FL driver
-	P112	FLDCLK	0	H	Serial clock output for FL driver
-	P111	FLDCS	0	H	Chip select output for FL driver
		~FLDRST	0	L	Reset output for FL driver
-	P110		ı		
$\overline{}$	P107/AN7/~KI3	~KEYINT3	$\pm$	<u> </u>	Key input interrupt 3
-	P106/AN6/~KI2	~KEYINT2		<u>L</u>	Key input interrupt 2
	P105/AN5/~KI1	~KEYINT1	<u> </u>		Key input interrupt 1
-	P104/AN4/~KI0	~KEYINT0	<u> </u>		Key input interrupt 0
	P103/AN3	KEY3	<u> </u>	A/D	Key input 3
	P102/AN2	KEY2	<u> </u>		Key input 2
	P101/AN1	KEY1	ı	A/D	Key input 1
		AVss			Ground for A/D
127	P100/AN0	KEY0		A/D	Key input 0

#### ADJUSTMENT AND CONFIRMATION PROCEDURES 1

#### Idling current adjustment

Before Idling current adjustment, turn the trimming resistors R6040 to R6046 to counter-clockwise. Connect the DC voltmeter at the sockets P6080 to P6086 via the carbon resistors 100 ohm 1/4W.



After turn POWER to ON, adjust the trimming resistors R6040, R6041 and R6042 so that the reading of voltmeter becomes 2.5 mV. (Front and center channels)

Adjust the trimming resistors R6043, R6044, R6045 and R6046 so that the reading of

voltmeter becomes 1.5 mV. (Surround and surround back channels)

After adjustment, attach the top cover.

Confirm the voltage of points above after about five minutes.

#### Front and center channels

When less than 9.0 mV, readjust the resistors above so that the voltage becomes 9.0 mV.

When 9.0 mV to 11.0 mV, you are not necessary to adjust.

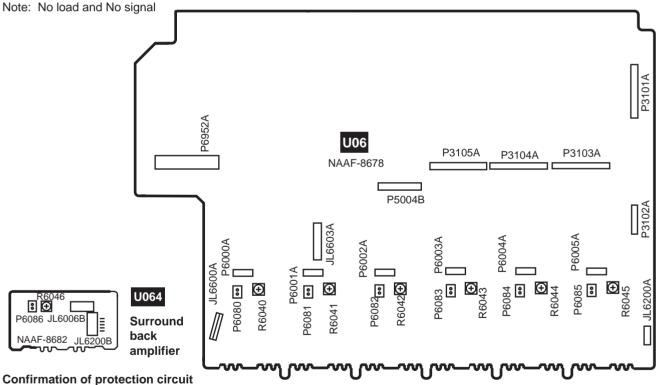
When more than 11.0 mV, readjust the resistors above so that the voltage becomes 11.0 mV.

#### Surround and surround back channels

When less than 6.0 mV, readjust the resistors above so that the voltage becomes 6.0 mV.

When 6.0 mV to 8.0 mV, you are not necessary to adjust.

When more than 6.0 mV, readjust the resistors above so that the voltage becomes 8.0 mV.



#### 1. Confirmation of operation of speaker relay

Confirm that the speaker relays turn ON approximate 5 seconds after the power switch is turned ON. Confirm that the speaker relays turn OFF immediately after the power switch is turned OFF.

#### 2. Confirmation of DC detection circuit

Press and hold down CD button, then press STANDBY/ON button to set the unit to "Test-1".

After "Test- 1" on the FL tube light on, press DVD button to set the unit to "Test- 1-00".

Apply DC 1.5 to 3.5V to the MULTI-CH INPUT terminal with no load.

Confirm that the speaker relay turns OFF.

Apply DC -1.5 to -3.5 V to the MULTI-CH INPUT terminal with no load.

Confirm that the speaker relay turns OFF.

Caution: Don't apply DC voltage more than 1 sec..

#### **ADJUSTMENT AND CONFIRMATION PROCEDURES 2**

#### 3. Confirmation of Current detection circuit

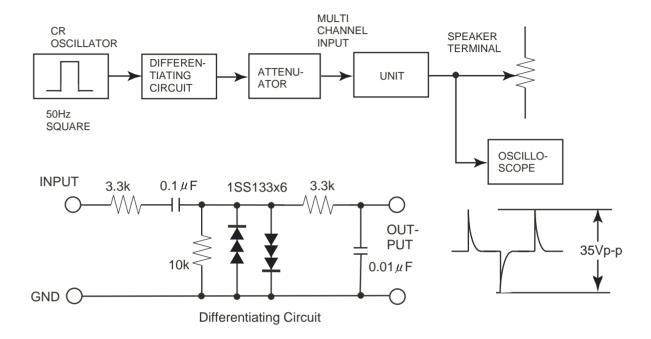
Set the unit to "Test- 1-00".

Connect the differentiating circuit and apply the 50Hz square signal to MULTI CHANNEL INPUT terminal of each channel.

Adjust the attenuator or Volume so that the output level becomes 35V p-p.

Confirm that the speaker relay does not turn OFF when a 3.0 ohm load is connected.

Confirm that the speaker relay turns OFF when a 1.0 ohm load is connected.



#### Test Mode

- 1. Turn POWER button on.
- 2. Press and hold down CD button, then press STANDBY/ON button.
- After "Test " on the FL tube is displayed, press CD button to set the unit to the test mode of FL tube.
   Note: DVD: Test- 1 VIDEO 1: Test- 2

VIDEO 2: Test-3 VIDEO 3: Test-4

Change of item

Tone + ....UP

Tone - .....DOWN



#### Check of unit by test mode

#### Voltage detection circuit

Set the unit to "Test- 4-21".

The microprocessor checks the output voltage of all channels automatically

When the output voltage is abnormal, "Protect NG" is displayed on FL tube.

When the voltage of all channels is normal, "Test- 4-35" is displayed on FL tube.

4-21:FL 4-22:FR 4-23:C 4-24:SL 4-25:SR 4-26:SBL 4-27:SBR

#### Current detection circuit

Set the unit to "Test- 4-35".

Connect the hollow resistor 3 ohm across the speaker terminal.

Check that the speaker relay turn On.

When connect the hollow resistor 1.0 ohm, check that the speaker relay turn Off.

Note: Check the all channels.

# **ADJUSTMENT AND CONFIRMATION PROCEDURES 3**

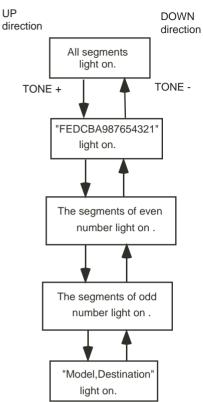
#### FL tube

Press and hold down CD button, then press STANDBY/ON button.

After "Test - " on the FL tube is displayed, press CD button to set the unit to the test mode of FL tube.

Press STANDBY button

to finish the test mode of FL tube.



Confirmation of voltage sensor and thermal protector

- 1. Set the unit to "Test- 4-36" and "4-37". Confirm that FM STEREO is displayed and Speaker relays RL6901 and RL6902 turn Off.
- 2. Set the unit to "Test- 4-38 ".

Confirm that FM STEREO is displayed and Speaker relays RL6901 and RL6902 turn Off.

#### Confirmation of cooling fan

- 1. Confirm that the fan does not rotate when no input signal.
- 2. Set the unit to "Test- 4-36 " and "4-37".

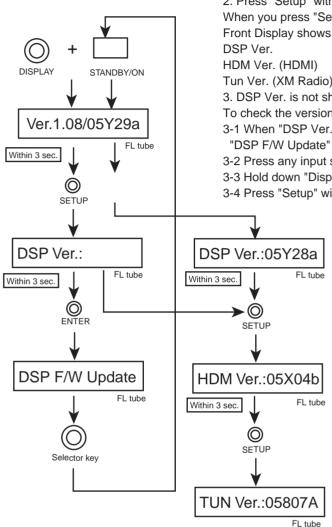
Confirm that the fan rotates at a low speed.

3. Set the unit to "Test- 4-39 ".

Confirm that the fan rotates at a high speed.

## **FW UPGRADE**

How to check version



- 1. Hold down "Display" and then press "Standby" button to show Main version.
- 2. Press "Setup" within 3 seconds.

When you press "Setup", another version of program is shown.

Front Display shows each version of programs in the following order:

Tun Ver. (XM Radio) -- blank except MDD/MDC

3. DSP Ver. is not shown easily.

To check the version of DSP FW,

3-1 When "DSP Ver. " is shown, press "Enter" within 3 seconds.

"DSP F/W Update" will be shown.

- 3-2 Press any input selector button to exit "DSP F/W Update".
- 3-3 Hold down "Display" and then press "Standby" button to show Main version.
- 3-4 Press "Setup" within 3 seconds.

Main FW and DSP FW

- 1) If both FWs need to be upgraded, DSP FW Upgrade should be done first.
- 2) If either of Main Board or DSP Board is replaced, certain combinations of Main-DSP FW versions do not allow you to upgrade DSP FW.

In that case, rewrite a compatible version of Main FW, upgrade DSP FW, and then upgrade Main FW.

DSP: Ver.05723a - Main: Ver. 1.04/05921a.1.06/05X06b.

DSP: Ver. 05Y28a - Main: Ver. 1.08/05Y25a

## **FW UPGRADE**

DSP/Video FW Upgrade

O. Unzip "firmware.zip" and store the unzipped folder & files and "Update.exe" as below.





firmware.zip L

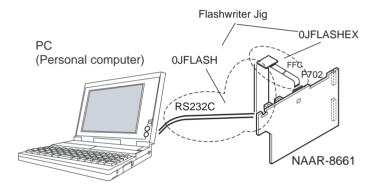
e.zip Update.exe

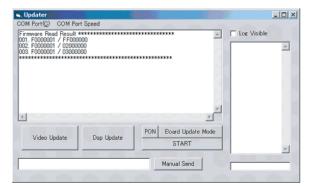
\Updater\_SR803\Update.exe \firmware\SR803\fdist.fdf \FW803.dcf

\DSP7803\_05Y28A.s28 \05X04B video803.hex

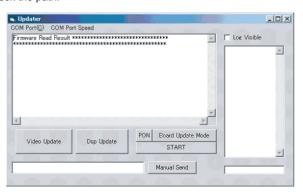
You can name the uppermost folder "\Updater\_SR803" as you like.

- 1. Hold down "Display" and then press "Standby" button to show Main version.
- 2. Press "Setup" within 3 seconds.
- 3. Press "Enter" while DSP version is shown to enter Setup mode. "DSP F/W Update" will be shown.
- Connect your unit and PC with Flashwriter Jig and put the unit into Standby mode.
- 5. Double-click "Update.exe".

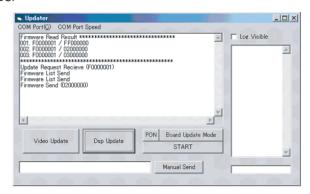




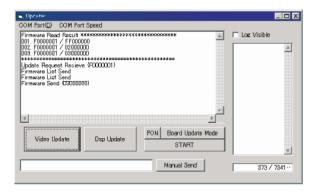
If you get the message like below, FW files are not properly stored. Check the path.



6. Click "DSP Updade" or "Video Update". DSP



Video



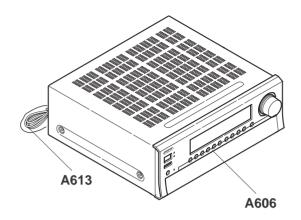
7. Update completes when Front Display stops showing the progress.

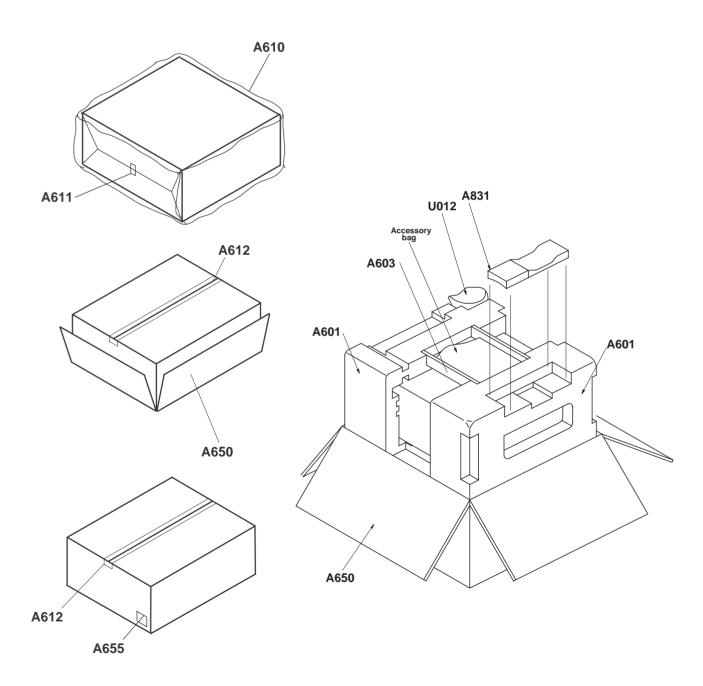
Note: Even if you try to check the DSP version, you might not be able to get is due to the wrong combination of DSP and Main. In this case, check the version after upgrading Main FW.

Main FW Upgrade

Write the latest main program using FlashSta.exe.

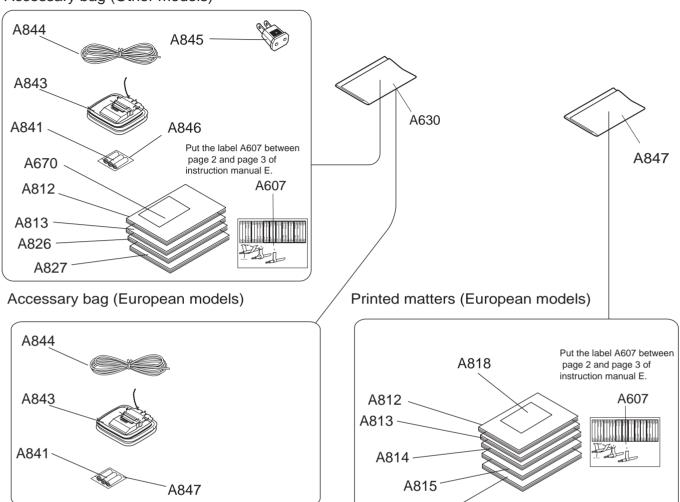
# **PACKING VIEW 1**





# **PACKING VIEW 2**

# Accessary bag (Other models)



A826

## **EXPLODED VIEW-PARTS LIST**

NOTE: THE COMPONENTS IDENTIFIED BY MARK !
ARE CRITICAL FOR RISK OF FIRE AND
ELECTRIC SHOCK. REPLACE ONLY WITH
PART NUMBER SPECIFIED.

CAUTION: Replacement for transistor of mark \*, if necessary must be made from the same beta group (**FE**) as the original type.

NOTE: <B>: Black model only 
 <G>: Golden model only <S>: Silver model only 
 <D>: USA model only <P>: European model only <A>:Australian model only 
 <T>: Worldwide model only <R>: Chinese model only 
 <K>:Korean model only

<C>: Canadian model only NSP: No Spare Part

REF. NO.	PART NO.	DESCRIPTION
A001	27111421B	Front bracket <b></b>
	27111422B	Front bracket <s></s>
	27111423B	Front bracket <g></g>
4000		
A002	27191153B	Holder, jack
A003	801618	3TTB+8B(CU)SR,Screw
A005	28200006	Facet, volume
800A	28133420	Back plate <b></b>
	28133421	Back plate <s g=""></s>
A009	28192081	Clear plate
A010	27215374	Decorative frame <b></b>
AOTO	27215375	Decorative frame <s></s>
	27215376	Decorative frame <g></g>
A011	28198905	Facet
A019	28135244	Badge <b></b>
	28135298	Badge <s></s>
	28135245	Badge <g></g>
A020	28141562	t5*30*5,Cushion
A021	28148616	Door <b> <d c=""></d></b>
AUZI	28148617	Door <b> <p></p></b>
	28148618	Door <s> <c></c></s>
	28148619	Door <s> <p></p></s>
	28148620	Door <g></g>
	28148630	Door <b> <a></a></b>
	28148631	Door <s> <a></a></s>
A022	27230047	Push latch
A023	27191173	Holder L <b></b>
	27191174	Holder L <s g=""></s>
A025	27191175	Holder R <b></b>
7.1020	27191176	Holder R <s g=""></s>
A027	28180156	Hinge L <b></b>
A021		3
1000	28180157	Hinge L <s g=""></s>
A029	28180158	Hinge R <b></b>
	28180159	Hinge R <s g=""></s>
A030	27301947	B20B,Damper
A031	27301946	Gear
A032	27141828A	Retainer B
A033	831430088GR	3TTW+8B(3BC),Screw
A035	801433GR	3SMS8W.SW+14B(BC),Screw
A036	2061112100UL	Crimp
		•
A037	838430088GR	3TTB+8B(3BC),Screw
A038	838120088GR	2TTB+8B(3CM),Screw
A039	28141511	t1.0*5*5,Cushion
A040	28326232	Knob, volume <b></b>
	28326436	Knob, volume <s></s>
	28326234	Knob, volume <g></g>
A044	28141637	Cushion
A050		ISB Chancia

NSP Chassis

Holder

Bracket FR

KGLS-18S, Holder

KGLS-14RT, Holder

27100468A

27130991A

27190470

27190524

27190991

A050

A051

A052

A053

A054

1055	000000	DOK A Wine Co
A055	260208	BSK-1,Wire tie
A056	830440089GR	4TTC+8C(3BC),Screw
A057	801618	3TTB+8B(CU)SR,Screw
A059	27190802	KGPS-14RF,Holder
A060	27130990	Bracket, fan
A062	838450108GR	5TTB+10B(3BC),Screw
A063	27270439	Spacer
A064	27190608-1	Holder, clamp
A065	27270147	8X3X0.188,Spacer
A077	801612	3TTB+8B(CU),Screw
A080	27160565A	Heat sink
A081	29110083	Tape, cloth
A082	801606	3SMH10W.SW+15B(CU),Screw
A087	27130745	Bracket
A088	801618	3TTB+8B(CU)SR,Screw
A089	28141585	W15*3t , Cushion
A090	27150507	
		Shield plate FFC
A092	801612	3TTB+8B(CU),Screw
A095	28184952	Top cover <b></b>
	28184953	Top cover <s></s>
	28184954	Top cover <g></g>
A096	28141562	t5*30*5,Cushion
		•
A097	28141563	t3*50*10,Cushion
A099	29364123	Label, cover
A100	838440089GR	4TTB+8C(3BC),Screw <b></b>
	838240089	4TTB+8C(NI),Screw <s g=""></s>
A101	838430088GR	3TTB+8B(3BC),Screw <b></b>
Aloi		
	838930088GR	3TTB+8B(UN),Screw <s g=""></s>
A105	801618	3TTB+8B(CU)SR,Screw
A106	838430088GR	3TTB+8B(3BC),Screw
A110	29363379-1	Label PT
A111	27175418	Leg
A114	838430088GR	3TTB+8B(3BC),Screw
		, ,
A115	27255004	CS-1U,Circlip
A119	28141647	Cushion
A401	27123478	Rear panel <d c=""></d>
	27123479	Rear panel <p></p>
	27123480	Rear panel <k></k>
		· · · · · · · · · · · · · · · · · · ·
	27123481	Rear panel <t></t>
	27123482	Rear panel <r></r>
	27123483	Rear panel <a></a>
A402	838430088GR	3TTB+8B(3BC),Screw
A403	87643010GR	W3*10F(3BC), Washer
A404	838930088GR	3TTB+8B(UN),Screw
A405	27300750 !	#2271,Strainrelief <d a="" c="" k=""></d>
	27301927 !	Strain relief <p r="" t=""></p>
A406	27191130 !	Holder, outlet <r></r>
A407	82143010GR	3P+10FN(3BC), Pan head screw
A408	801618	3TTB+8B(CU)SR,Screw
A409	27270463	T0.5*Φ8*Φ3.5,Spacer
		•
A410	27212820	Front panel <b> <d a="" c=""></d></b>
	27212834	Front panel <b> <p></p></b>
	27212835	Front panel <s> <a c=""></a></s>
	27212836	Front panel <s> <p></p></s>
	27212837	Front panel <g></g>
A 444		8X3X0.188,Spacer
A411	27270147	• •
A412	27262749	Plate, door <b> <d a="" c=""></d></b>
	27262750	Plate, door <s> <a c=""></a></s>
	27262751	Plate, door <g></g>
	27262753	Plate, door <b> <p></p></b>
	27262754	Plate, door <s> <p></p></s>
Δ416		
A416	801618	3TTB+8B(CU)SR,Screw
A417	82143010GR	3P+10FN(3BC),Screw
A418	28326340	Knob, power <s> <p></p></s>
	28325497A	Knob, power <b> <p></p></b>
	28325499A	Knob, power <g></g>
F6901,F6902	252301GR !	12A-TUL-250V,Fuse
. 5551,1 5552		

F901	252079GR	!	6.3A-SE-EAK,Fuse <p a="" k="" r="" t=""></p>
F901	252330GR	!	10A-UL/T-233,Fuse <d c=""></d>
F902	252079GR	į	6.3A-SE-EAK,Fuse <t></t>
F903	252079GR 252075GR	: !	2.5A-SE-EAK,Fuse <p a="" k="" r="" t=""></p>
F903	252326GR	!	5A-UL/T-233,Fuse <d c=""></d>
E024 E022		!	·
F931,F932	252073GR	!	1.6A-SE-EAK,Fuse 6.3A-SE-EAK,Fuse
F951,F952	252079GR		,
P691	24502319		D09A-12PG(EX),Fan
P701	2047131012		NCFC7-131012,FFC
P7534	2045405012		NCFC5-405012,FFC
P901	253388LTK or	!	AS-SAA or
	253388FJK or	!	AS-SAA or
	253388HIT or	!	AS-SAA or
	253388LON	!	AS-SAA,Power supply cord <a></a>
	253368LTK or	!	AS-UC-2 or
	253333VOL	!	AS-UC-2,Power supply cord <d c=""></d>
	253348VOL	!	AS-CEE-3,Power supply cord <p t=""></p>
	253406VOL	!	AS-KS,Power supply cord <k></k>
Door	253357VOL	!	AS-CCC,Power supply cord <r></r>
P921	25052665	! *	NSCT-2P2561,AC outlet <k></k>
Q6050,Q6051,Q6052	2203686 or		MN150S-P or
Q6053,Q6054	2203683 or	*	MN150S-O or
Q6055,Q6056	2203684	*	MN150S-Y, Transistor
Q6050A	223024		AC238,Isolated sheet
Q6060,Q6061,Q6062	2203696 or	*	MP150S-P or
Q6063,Q6064	2203693 or	*	MP150S-O or
Q6065,Q6066	2203694	*	MP150S-Y,Transsitor
T901	2301830	!	NPT-1526D,Power transformer <d c=""></d>
	2301831	!	NPT-1526P,Power transformer <p a=""></p>
	2301832	!	NPT-1526DG,Power transformer <t></t>
	2301833	!	NPT-1526G,Power transformer <k r=""></k>
U01	1B104555-1A		NAVD-8655-1A,HDMI video circuit PC board ass'y
U02	1B104557-1A		NAVD-8657-1A, Video circuit PC board ass'y <d c=""></d>
	1B104557-1B		NAVD-8657-1B, Video circuit PC board ass'y <p a="" k="" r="" t=""></p>
U03	1B104560-1A		NADG-8660-1A, DSP circuit PC board ass'y <d c=""></d>
	1B104560-1B		NADG-8660-1B, DSP circuit PC board ass'y <a></a>
	1B104560-1C		NADG-8660-1C, DSP circuit PC board ass'y <r k=""></r>
	1B104560-1D		NADG-8660-1D, DSP circuit PC board ass'y <p></p>
11000	1B104560-1F		NADG-8660-1F, DSP circuit PC board ass'y <t></t>
U032	1B104561-1A		NAAR-8661-1A,Main microprocessor PC board ass'y <d c=""> NAAR-8661-1B,Main microprocessor PC board ass'y <a></a></d>
	1B104561-1B		NAAR-8661-1C,Main microprocessor PC board ass'y <r k=""></r>
	1B104561-1C 1B104561-1D		NAAR-8661-1D, Main microprocessor PC board ass'y <p></p>
	1B104561-1F		NAAR-8661-1F,Main microprocessor PC board ass y <t></t>
U033	1B104562-1A		NAETC-8662-1A, Front video PC board ass'y <d c=""></d>
0000	1B104562-1B		NAETC-8662-1B, Front video PC board ass'y <a></a>
	1B104562-1C		NAETC-8662-1C, Front video PC board ass'y <r k=""></r>
	1B104562-1D		NAETC-8662-1D, Front video PC board ass'y <p></p>
	1B104562-1F		NAETC-8662-1F, Front video PC board ass'y <t></t>
U04	1B104564-1A		NAPS-8664-1A, Primary circuit PC board ass'y <d c=""></d>
004	1B104564-1B		NAPS-8664-1B, Primary circuit PC board ass'y <a></a>
	1B104564-1C		NAPS-8664-1C, Primary circuit PC board ass'y <t></t>
	1B104564-1D		NAPS-8664-1D, Primary circuit PC board ass'y <k></k>
	1B104564-1E		NAPS-8664-1E, Primary circuit PC board ass'y <r></r>
	1B104564-1F		NAPS-8664-1F, Primary circuit PC board ass'y <p></p>
U042	1B104565-1A		NAPS-8665-1A, Secondary circuit PC board ass'y <d c=""></d>
0042	1B104565-1B		NAPS-8665-1B, Secondary circuit PC board ass'y <a></a>
	1B104565-1C		NAPS-8665-1C, Secondary circuit PC board ass'y <t></t>
	1B104565-1D		NAPS-8665-1D, Secondary circuit PC board ass'y <k></k>
	1B104565-1E		NAPS-8665-1E, Secondary circuit PC board ass'y <r></r>
	1B104565-1E		NAPS-8665-1F, Secondary circuit PC board ass y <r></r>
U043	1B104566-1A		NAETC-8666-1A, Speaker terminal PC board ass'y <d c=""></d>
	1B104566-1B		NAETC-8666-1B, Speaker terminal PC board ass'y <a></a>
	1B104566-1C		NAETC-8666-1C, Speaker terminal PC board ass'y <t></t>
	1B104566-1D		NAETC-8666-1D, Speaker terminal PC board ass'y <k></k>
	1B104566-1E		NAETC-8666-1E, Speaker terminal PC board ass'y <r></r>
	1B104566-1F		NAETC-8666-1F, Speaker terminal PC board ass'y <p></p>

U044	1B104567-1A	NAETC-8667-1A, Speaker terminal C PC board ass'y <d c=""></d>
	1B104567-1B	NAETC-8667-1B, Speaker terminal C PC board ass'y <a></a>
	1B104567-1C	NAETC-8667-1C, Speaker terminal C PC board ass'y <t></t>
	1B104567-1D	NAETC-8667-1D, Speaker terminal C PC board ass'y <k></k>
	1B104567-1E	NAETC-8667-1E, Speaker terminal C PC board ass'y <r></r>
	1B104567-1F	NAETC-8667-1F, Speaker terminal C PC board ass'y <p></p>
U045	1B104568-1A	NAAF-8668-1A, Driver circuit PC board ass'y <d c=""></d>
	1B104568-1B	NAAF-8668-1B, Driver circuit PC board ass'y <a></a>
	1B104568-1C	NAAF-8668-1C, Driver circuit PC board ass'y <t></t>
	1B104568-1D	NAAF-8668-1D, Driver circuit PC board ass'y <k></k>
	1B104568-1E	NAAF-8668-1E, Driver circuit PC board ass'y <r></r>
	1B104568-1F	NAAF-8668-1F, Driver circuit PC board ass'y <p></p>
U046	1B104569-1C	NASW-8669-1C, Power switch PC board ass'y <t></t>
	1B104569-1D	NASW-8669-1D, Power switch PC board ass'y <k></k>
	1B104569-1E	NASW-8669-1E, Power switch PC board ass'y <r></r>
	1B104569-1F	NASW-8669-1F, Power switch PC board ass'y <p></p>
U047	1B104570-1C	NAETC-8670-1C, Holder PC board ass'y <t></t>
	1B104570-1D	NAETC-8670-1D, Holder PC board ass'y <k></k>
	1B104570-1E	NAETC-8670-1E, Holder PC board ass'y <r></r>
	1B104570-1F	NAETC-8670-1F, Holder PC board ass'y <p></p>
U049	1B104572-1D	NAETC-8672-1D, AC outlet PC board ass'y <k></k>
U05	1B104575-1A	NADIS-8675-1A, Display circuit PC board ass'y
U052	1B104576-1A	NAETC-8676-1A, Headphone terminal PC board ass'y
U053	1B104577-1A	NAETC-8677-1A, Volume PC board ass'y
U06	1B104578-1A	NAAF-8678-1A,Amplifier PC board ass'y
U062	1B104580-1A	NAETC-8680-1A, Thermal detector PC board ass'y
U063	1B104581-1A	NAETC-8681-1A,Holder PC board ass'y
U064	1B104582-1A	NAAF-8682-1A,Surround back amplifier PC board ass'y
U08	1B104588-1A	NARF-8688-1A,XM radio PC board ass'y <d c=""></d>
U11	240152 or	FAE385-A11US or
	240156	ENG06507QFUS,Tuner pack <d c=""></d>
	240154	FAE485-E11EU,Tuner pack <p></p>
	240155	FAE485-E12EX,Tuner pack <a k="" r="" t=""></a>

# PACKING VIEW-PARTS LIST

REF. NO.	PART NO.	DESCRIPTION
A601	29092286A	Pad
A603	29054470	Carton, accessory
A606	29095906	Sheet
A607	29363059A	Label, speaker cable
A610	29100153	1020x770,Polybag
A611	29110149	Cellophane tape
A612	29110148	W48, PP tape
A613	29100238	T0.05*650*100,Polybag
A630	29100097-1A	350*250,Polybag
A650	29054419	Carton box <b> <a></a></b>
	29054420	Carton box <s> <a></a></s>
	29054421	Carton box <g> <k t=""></k></g>
	29054422	Carton box <b> <p></p></b>
	29054423	Carton box <s> <p></p></s>
	29054452	Carton box <b> <d c=""></d></b>
	29054453	Carton box <s> <c></c></s>
	29054456	Carton box <g> <r></r></g>
A655	29364230	Label EAN <b> <a></a></b>
	29364231	Label EAN <s> <a></a></s>
	29364232	Label EAN <g></g>
	29364233	Label EAN <b> <p></p></b>
	29364234	Label EAN <b> <s></s></b>
	29364235	Label UPC <b> <d c=""></d></b>
	29364236	Label UPC <s> <c></c></s>
A670	29365090C	Warranty card <d c=""></d>
	29365098A	Warranty card <r></r>
A675	29380140	Handbill <d c=""></d>
	29380141	Handbill <p></p>
A812	29344073	Instruction manual En
A813	29344074	Instruction manual Fr/Es <p c=""></p>

	29344079		Instruction manual, digest <d></d>
	29344077		Instruction manual Cs <r></r>
	29344078		Instruction manual Ct <t></t>
A814	29344075		Instruction manual It/De <p></p>
A815	29344076		Instruction manual NI/Sv <p></p>
A818	29355537		Instruction sheet WEEE <p></p>
A826	29344100		Instruction manual, remote controller
A827	29355538		Instruction sheet XM <d c=""></d>
A828	29355540		Instruction sheet En <d></d>
A831	24140620		RC-620M,Remote controller
A841	3010358		LR6/AA(UM-3),Battery
A843	232140		NMA-3057,AM loop antenna
A844	292191		FM antenna
A845	25056005	!	CV-K-1,Conversion plug
A846	29100217		t0.1*70*100,Polybag
A847	29100097-1A		350*250,Polybag <p></p>
U012	1B068MIC		MIC-5000, Microphone

## PRINTED CIRCUIT BOARD-PARTS LIST

NOTE: THE COMPONENTS IDENTIFIED BY MARK !

ARE CRITICAL FOR RISK OF FIRE AND
ELECTRIC SHOCK. REPLACE ONLY WITH
PART NUMBER SPECIFIED.

CAUTION: Replacement for transistor of mark \*, if necessary must be made from the same beta group (hFE) as the original type.

NOTE:<D>: USA/Canadian models only <P>: European model only <A>:Australian model only <T>: Worldwide model only <R>: Chinese model only

<K>:Korean model only NSP: No spare part

HDMI VIDEO CIRCUIT	NSP: No spare p			
CIRCUIT NO.	PART NAME	PART NO.	DESCRIPTION	REMARKS
Q8305	IC	NJM2860F3-05	22242105R2	
Q8306	IC	TC7SZ08FU	22242071R2TO	
Q8401	IC	SII9030	22242256R3	
Q8404	IC	XC6213B332MR	22242277R2	
Q8461	IC	SN74CB3Q3305PWR	22242258R2	
Q8501	IC	SII9031	22242257R3	
Q8506	IC	BR24L02FV-W	22242069R2	
<b>Q</b> 0000	IC	BA33BC0FP or	22278033DR2RH or	
Q8591	IC	TA48033AF(TE16L, NQ)	22278033DR2T	
	IC	BA18BC0FP or	22278018DR2RH or	
Q8592	IC	TA48018AF(TE16L, NQ)	22278018DR2T	
Q8602	IC	XC6213B332MR	22242277R2	
Q8606	IC	BR24L02FV-W	22242069R2	
Q8701	IC	MPD70F3261YGC-8EA	W0006R301571M102	
Q8701 Q8702	IC	BR24L08FV-W	22242070R2	
Q8308,Q8507,Q8607	TR	DTA144EE	+	
		UM6K1N or	2216380R2	
Q8309,Q8503,Q8504,Q 8505			226066R2 or	
0303	TR ARRAY	UPA672T	226067R2	
Q8603,Q8604,Q8605	TR ARRAY	UM6K1N or	226066R2 or	
D0004 D0404 D0504 D	TR ARRAY	UPA672T	226067R2	
D8301,D8461,D8501,D		1SS226 or	223266R2 or	
8601	DIODE	DAN217T146	223285R2	
	C-DIODE	KDS4148U or	223283R2 or	
D8701	C-DIODE	1SS352 or	223234R2 or	
	C-DIODE	MA2J111 or	223279R2 or	
	C-DIODE	1SS355	223269R2	
L8401,L8402,L8403	CHOKE COIL	BLM21PG221SN1	230949R2	
L8404,L8405	CHOKE COIL	BLM21PG221SN1	230949R2	
L8406,L8407	CORE	ACM2012D-900-2P-T00	230987R2	
L8408,L8409	CORE	ACM2012D-900-2P-T00	230987R2	
L8501,L8502,L8503	CHOKE COIL	BLM21PG221SN1	230949R2	
L8504,L8505,L8506	CHOKE COIL	BLM21PG221SN1	230949R2	
L8507,L8508	CHOKE COIL	BLM21PG221SN1	230949R2	
L8517	EMIFIL	BK1608LL241-T	230959R1	
L8701	CHOKE COIL	NCH-1473	231237M047R2	
X8501	CRYSTAL	HC-49-28.332MHz	3010417R2	
X8701	CERA LOCK	CSTCR5M00G53-B0	3010356R2	
C8301,C8302	C-CERA C	CK725B1C-104K1	332121045R1	
C8303,C8304	C-CERA C	CK725B1C-104K1	332121045R1	
C8326,C8327,C8329	C-CERA C	CK725F1A-105Z1	332181050R1	
C8328	CHIP ELECT C	CEWX16V-22M	356742209R2	
C8330,C8332,C8398	C-CERA C	CK725F1A-105Z1	332181050R1	
C8399,C8403,C8405	C-CERA C	CK725F1A-105Z1	332181050R1	
C8401,C8402,C8408	CHIP ELECT C	CEWX4V-22M	3567A2209R2	
C8404,C8406,C8407	C-CERA C	CC725CH1H-102J1	342101024R1	
C8409,C8418,C8501	CHIP ELECT C	CEWX4V-22M	3567A2209R2	
C8410,C8412,C8414	C-CERA C	CK725F1A-105Z1	332181050R1	
C8411,C8413,C8415	C-CERA C	CC725CH1H-102J1	342101024R1	
C8416,C8419,C8421	C-CERA C	CC725CH1H-102J1	342101024R1	
C8417,C8420,C8422	C-CERA C	CK725F1A-105Z1	332181050R1	
C8423,C8425,C8427	C-CERA C	CC725CH1H-102J1	342101024R1	

C8424,C8426,C8451	C-CERA C	CK725F1A-105Z1	332181050R1
C8428	C-CERA C	CC725CH1H-100D1	342101002R1
C8452,C8461,C8505	C-CERA C	CK725F1A-105Z1	332181050R1
C8453,C8624,C8709	CHIP ELECT C	CEWX4V-220M	3567A2219R2
C8502,C8503,C8509	CHIP ELECT C	CEWX4V-22M	3567A2209R2
C8504,C8510,C8513	C-CERA C	CC725CH1H-102J1	342101024R1
C8506,C8507,C8508	C-CERA C	CK725F1A-105Z1	332181050R1
C8511,C8512,C8514	C-CERA C	CK725F1A-105Z1	332181050R1
C8515,C8516,C8519	C-CERA C	CC725CH1H-102J1	
, ,	C-CERA C		342101024R1 332181050R1
C8517,C8524,C8529		CK725F1A-105Z1	
C8518,C8520	CHIP ELECT C	CEWX4V-22M	3567A2209R2
C8521,C8522,C8523	C-CERA C	CC725CH1H-102J1	342101024R1
C8525,C8526,C8527	C-CERA C	CC725CH1H-102J1	342101024R1
C8528,C8530,C8531	C-CERA C	CC725CH1H-102J1	342101024R1
C8532,C8533,C8537	C-CERA C	CK725F1A-105Z1	332181050R1
C8534,C8535,C8536	C-CERA C	CC725CH1H-102J1	342101024R1
C8538,C8539,C8541	C-CERA C	CC725CH1H-102J1	342101024R1
C8540,C8544,C8546	C-CERA C	CK725F1A-105Z1	332181050R1
C8542,C8543	C-CERA C	CC725CH1H-180J1	342101804R1
C8545.C8547.C8549	C-CERA C	CC725CH1H-102J1	342101024R1
C8548.C8552.C8554	C-CERA C	CK725F1A-105Z1	332181050R1
C8550,C8551	CHIP ELECT C	CEWX4V-22M	3567A2209R2
C8553,C8555,C8556	C-CERA C	CC725CH1H-102J1	342101024R1
C8558,C8559,C8561	C-CERA C	CC725CH1H-102J1	
		<b>1</b>	342101024R1
C8560,C8562,C8598	C-CERA C	CK725F1A-105Z1	332181050R1
C8581,C8591	C-CERA C	CK725F1E-104Z1	332161040R1
C8592,C8594	CHIP ELECT C	CEWX4V-100M	3567A1019R2
C8593,C8681	C-CERA C	CK725F1E-104Z1	332161040R1
C8599,C8622,C8623	C-CERA C	CK725F1A-105Z1	332181050R1
C8698,C8699,C8701	C-CERA C	CK725F1A-105Z1	332181050R1
C8702,C8703,C8705	C-CERA C	CK725F1A-105Z1	332181050R1
C8704	CHIP ELECT C	CEWX50V-4.7M	356780479R2
C8706,C8707	C-CERA C	CK725F1A-105Z1	332181050R1
C8708,C8710	C-CERA C	CK725F1A-105Z1	332181050R1
R8728	C-R NET	RM7LJ103X04	43484710304R2
R8405,R8416,R8417	C-R NET	RM7LJ220X04	43484722004R2
R8418,R8421,R8423	C-R NET	RM7LJ220X04	43484722004R2
R8424,R8737	C-R NET	RM7LJ220X04	43484722004R2
R8511,R8522,R8523	C-R NET	RM7LJ330X04	
			43484733004R2
R8525,R8526	C-R NET	RM7LJ330X04	43484733004R2
R8527,R8528	C-R NET	RM7LJ330X04	43484733004R2
R8461,R8567,R8568	C-CARBON R	RN72K1J-000JE	435030004R1
R8569,R8570,R8571	C-CARBON R	RN72K1J-000JE	435030004R1
R8572,R8573,R8574	C-CARBON R	RN72K1J-000JE	435030004R1
R8575,R8576,R8577	C-CARBON R	RN72K1J-000JE	435030004R1
R8578,R8579,R8580	C-CARBON R	RN72K1J-000JE	435030004R1
R8581,R8582,R8708	C-CARBON R	RN72K1J-000JE	435030004R1
R8717,R8718	C-CARBON R	RN72K1J-000JE	435030004R1
R8744,R8746	C-CARBON R	RN72K1J-000JE	435030004R1
R8518,R8519,R8520	C-CARBON R	RN72K1J-101JE	435031014R1
R8333,R8452,R8545	C-CARBON R	RN72K1J-102JE	435031024R1
R8633,R8645,R8705	C-CARBON R	RN72K1J-102JE	435031024R1
R8323,R8521,R8534	C-CARBON R	RN72K1J-103JE	435031034R1
	O OMEDON IN	RN72K1J-103JE	435031034R1 435031034R1
IKK535 KB536 D8539	C-CARRON R		ITOOO IOOTINI
R8535,R8536,R8538	C-CARBON R		
R8541,R8544,R8634	C-CARBON R	RN72K1J-103JE	435031034R1
R8541,R8544,R8634 R8635,R8636,R8638	C-CARBON R C-CARBON R	RN72K1J-103JE RN72K1J-103JE	435031034R1 435031034R1
R8541,R8544,R8634 R8635,R8636,R8638 R8641,R8644	C-CARBON R C-CARBON R C-CARBON R	RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE	435031034R1 435031034R1 435031034R1
R8541,R8544,R8634 R8635,R8636,R8638 R8641,R8644 R8706,R8707,R8710	C-CARBON R C-CARBON R C-CARBON R C-CARBON R	RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE	435031034R1 435031034R1 435031034R1 435031034R1
R8541,R8544,R8634 R8635,R8636,R8638 R8641,R8644 R8706,R8707,R8710 R8515	C-CARBON R C-CARBON R C-CARBON R C-CARBON R C-CARBON R	RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-105JE	435031034R1 435031034R1 435031034R1 435031034R1 435031054R1
R8541,R8544,R8634 R8635,R8636,R8638 R8641,R8644 R8706,R8707,R8710	C-CARBON R C-CARBON R C-CARBON R C-CARBON R	RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE	435031034R1 435031034R1 435031034R1 435031034R1
R8541,R8544,R8634 R8635,R8636,R8638 R8641,R8644 R8706,R8707,R8710 R8515	C-CARBON R C-CARBON R C-CARBON R C-CARBON R C-CARBON R	RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-105JE	435031034R1 435031034R1 435031034R1 435031034R1 435031054R1
R8541,R8544,R8634 R8635,R8636,R8638 R8641,R8644 R8706,R8707,R8710 R8515 R8401,R8402,R8403	C-CARBON R C-CARBON R C-CARBON R C-CARBON R C-CARBON R C-CARBON R	RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-105JE RN72K1J-220JE	435031034R1 435031034R1 435031034R1 435031034R1 435031054R1 435032204R1
R8541,R8544,R8634 R8635,R8636,R8638 R8641,R8644 R8706,R8707,R8710 R8515 R8401,R8402,R8403 R8404,R8406,R8407	C-CARBON R	RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-105JE RN72K1J-220JE RN72K1J-220JE	435031034R1 435031034R1 435031034R1 435031034R1 435031054R1 435032204R1 435032204R1
R8541,R8544,R8634 R8635,R8636,R8638 R8641,R8644 R8706,R8707,R8710 R8515 R8401,R8402,R8403 R8404,R8406,R8407 R8408,R8409,R8422	C-CARBON R	RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-105JE RN72K1J-20JE RN72K1J-220JE RN72K1J-220JE	435031034R1 435031034R1 435031034R1 435031034R1 435031054R1 435032204R1 435032204R1 435032204R1
R8541,R8544,R8634 R8635,R8636,R8638 R8641,R8644 R8706,R8707,R8710 R8515 R8401,R8402,R8403 R8404,R8406,R8407 R8408,R8409,R8422 R8425,R8426,R8709	C-CARBON R	RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-103JE RN72K1J-105JE RN72K1J-20JE RN72K1J-220JE RN72K1J-220JE RN72K1J-220JE RN72K1J-220JE	435031034R1 435031034R1 435031034R1 435031034R1 435031054R1 435032204R1 435032204R1 435032204R1 435032204R1 435032204R1

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R8721,R8729,R8730	C-CARBON R	RN72K1J-220JE	435032204R1	
R8731,R8732,R8739	C-CARBON R	RN72K1J-220JE	435032204R1	
R8740,R8741,R8742	C-CARBON R	RN72K1J-220JE	435032204R1	
R8743,R8745,R8747	C-CARBON R	RN72K1J-220JE	435032204R1	
R8748,R8749,R8750	C-CARBON R	RN72K1J-220JE	435032204R1	
R8751,R8752,R8753	C-CARBON R	RN72K1J-220JE	435032204R1	
R8754,R8755,R8756	C-CARBON R	RN72K1J-220JE	435032204R1	
R8757,R8758	C-CARBON R	RN72K1J-220JE	435032204R1	
R8334,R8335	C-CARBON R	RN72K1J-222JE	435032224R1	
R8711,R8712,R8722	C-CARBON R	RN72K1J-222JE	435032224R1	
R8723,R8724,R8725	C-CARBON R	RN72K1J-222JE	435032224R1	
R8726,R8727	C-CARBON R	RN72K1J-222JE	435032224R1	
R8733,R8734	C-CARBON R	RN72K1J-222JE	435032224R1	
R8462	C-CARBON R	RN72K1J-273JE	435032734R1	
R8501,R8502,R8503	C-CARBON R	RN72K1J-330JE	435033304R1	
R8508,R8509,R8512	C-CARBON R	RN72K1J-330JE	435033304R1	
R8513,R8514,R8516	C-CARBON R	RN72K1J-330JE	435033304R1	
R8524	C-CARBON R	RN72K1J-330JE	435033304R1	
R8301,R8302,R8303	C-CARBON R	RN72K1J-331JE	435033314R1	
R8304,R8504	C-CARBON R	RN72K1J-331JE	435033314R1	
R8542,R8543	C-CARBON R	RN72K1J-332JE	435033324R1	
R8642,R8643	C-CARBON R	RN72K1J-332JE	435033324R1	+
R8410	C-CARBON R	RN72K1J-332JE RN72K1J-471JE	435033324R1 435034714R1	
	•			
R8324,R8337,R8338 R8411,R8413,R8414	C-CARBON R C-CARBON R	RN72K1J-472JE RN72K1J-472JE	435034724R1 435034724R1	
			+	
R8415,R8427	C-CARBON R	RN72K1J-472JE RN72K1J-472JE	435034724R1	
R8517,R8701	C-CARBON R		435034724R1	
R8325,R8738	C-CARBON R	RN72K1J-473JE	435034734R1	
R8505,R8506,R8507	C-CARBON R	RN72K1J-750JE	435037504R1	
R8341	C-CARBON R	RN72K2E-100JE	435221004R1	
P8302,P8501,P8601	HDMI JACK	YKF-45-7010	25053102R3	
P8003	SOCKET	NSCT-20P1031	25051241	
P8702	PLUG	NPLG-8P660	25055704	
				•
	DARD (NAVD-8657-1A/	1		
CIRCUIT NO.	PART NAME	DESCRIPTION	PART NO.	REMARKS
<b>CIRCUIT NO.</b> Q2001,Q2002,Q2003	PART NAME IC	DESCRIPTION NJM2595M	22241946R2	REMARKS
<b>CIRCUIT NO.</b> Q2001,Q2002,Q2003 Q2004	PART NAME IC IC	DESCRIPTION	22241946R2 22241779	REMARKS
<b>CIRCUIT NO.</b> Q2001,Q2002,Q2003	PART NAME IC	DESCRIPTION NJM2595M	22241946R2	REMARKS
CIRCUIT NO. Q2001,Q2002,Q2003 Q2004 Q2101	PART NAME IC IC IC IC(REGULATOR)	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or	22241946R2 22241779 22242202R3 22278033DR2T or	REMARKS
<b>CIRCUIT NO.</b> Q2001,Q2002,Q2003 Q2004	PART NAME IC IC IC	DESCRIPTION NJM2595M LC74763-9836 ADV7183B	22241946R2 22241779 22242202R3	REMARKS
Q2001,Q2002,Q2003 Q2004 Q2101 Q2102	PART NAME IC IC IC IC(REGULATOR)	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or	22241946R2 22241779 22242202R3 22278033DR2T or	REMARKS
CIRCUIT NO. Q2001,Q2002,Q2003 Q2004 Q2101	PART NAME IC IC IC IC IC(REGULATOR) IC(REGULATOR)	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH	REMARKS
Q2001,Q2002,Q2003 Q2004 Q2101 Q2102	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR)	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or	REMARKS
Q2001,Q2002,Q2003 Q2004 Q2101 Q2102 Q2103	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR)	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH	REMARKS
Q2001,Q2002,Q2003 Q2004 Q2101 Q2102 Q2103 Q2104	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR)	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or BA33BC0FP  TA48018AF(TE16L, NQ) or BA18BC0FP  ADV7172	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or BA33BC0FP  TA48018AF(TE16L, NQ) or BA18BC0FP  ADV7172  LA7106MFP	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 22242211R2	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IC IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 22242211R2 2216175R2 or	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IC IC TR	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 22242211R2 2216175R2 or 2213145R2	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IC IC IC TR TR TR	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 22242211R2 2216175R2 or 2213145R2 2215510R2 or 2217250R2	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 22242211R2 2216175R2 or 2213145R2 2215510R2 or 2217250R2 2216185R2 or	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 22242211R2 2216175R2 or 2213145R2 2215510R2 or 2217250R2 2216185R2 or 2214375R2	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018  Q2008,Q2009,Q2022	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IT IC IC IC IC IT IC IC IT IC IT IC IT	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR  KRA102S or	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2TH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 22242211R2 2216175R2 or 2213145R2 2215510R2 or 2217250R2 2216185R2 or 2214375R2 2216220R2 or	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IT IC IC IC IC IT IC IC IT IC IT IC IT IC IT IC IT IC IT	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR  KRA102S or  RN2402 or	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 22242211R2 2216175R2 or 2213145R2 2215510R2 or 2217250R2 2216185R2 or 2214375R2 2216220R2 or 2214530R2 or	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018  Q2008,Q2009,Q2022	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IT IC IC IC IC IT IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR  KRA102S or  RN2402 or  UNR2111	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 22242211R2 2216175R2 or 2213145R2 2215510R2 or 2217250R2 2216185R2 or 2214375R2 2216220R2 or 2214530R2 or 2217110R2	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2013,Q2017,Q2018  Q2008,Q2009,Q2022  Q2010  Q2020,Q2023,Q2024	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IT IC IC IC IC IT IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR  KRA102S or  RN2402 or  UNR2111  RN1443 or	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 2216175R2 or 2213145R2 2215510R2 or 2217250R2 2216185R2 or 2214375R2 2216220R2 or 2214530R2 or 2217110R2 2215510R2 or	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018  Q2008,Q2009,Q2022  Q2010  Q2020,Q2023,Q2024 Q2025	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IT IC IC IT IC IC IC IT IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR  KRA102S or  RN2402 or  UNR2111  RN1443 or  KRC286S	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 22242211R2 2216175R2 or 2213145R2 2215510R2 or 2217250R2 2216220R2 or 2214530R2 or 2214530R2 or 2217110R2 2215510R2 or	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018  Q2008,Q2009,Q2022  Q2010  Q2020,Q2023,Q2024  Q2025  Q2051,Q2052,Q2053	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IC IT IC IC IC IC IT IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or BA33BC0FP  TA48018AF(TE16L, NQ) or BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or 2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or 2SA1162-GR  KRA102S or  RN2402 or  UNR2111  RN1443 or  KRC286S  KRC286S  KRC101S or	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2TH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 2216175R2 or 2213145R2 2216185R2 or 2214375R2 2216220R2 or 2214530R2 or 2217110R2 2215510R2 or 2217250R2	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018  Q2008,Q2009,Q2022  Q2010  Q2020,Q2023,Q2024  Q2025  Q2051,Q2052,Q2053  Q2054,Q2105	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR  KRA102S or  RN2402 or  UNR2111  RN1443 or  KRC286S  KRC101S or  RN1401	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2TH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 2216175R2 or 2217250R2 2216220R2 or 2214530R2 or 2217110R2 2215510R2 or 2217250R2 2216220R2 or 2214530R2 or 2217250R2 2216330R2 or 2217250R2 2216330R2 or	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018  Q2008,Q2009,Q2022  Q2010  Q2020,Q2023,Q2024  Q2025  Q2051,Q2052,Q2053  Q2054,Q2105  Q2108,Q2109	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IC IT IC IC IC IC IT IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR  KRA102S or  RN2402 or  UNR2111  RN1443 or  KRC286S  KRC101S or  RN1401  2SK3019	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 2216175R2 or 2213145R2 2216185R2 or 2214375R2 2216220R2 or 2217110R2 2215510R2 or 2217250R2 2216330R2 or 2217250R2 2216520R2	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018  Q2008,Q2009,Q2022  Q2010  Q2020,Q2023,Q2024  Q2025  Q2051,Q2052,Q2053  Q2054,Q2105  Q2108,Q2109  D2001,D2002	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IC IT IC IC IC IC IT IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR  KRA102S or  RN2402 or  UNR2111  RN1443 or  KRC286S  KRC101S or  RN1401  2SK3019  KDS4148U or	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 2216175R2 or 2217250R2 2216220R2 or 2214530R2 or 2217250R2 2216520R2 or 2217250R2 2216330R2 or 2217250R2 2216330R2 or 2217250R2 2216330R2 or	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018  Q2008,Q2009,Q2022  Q2010  Q2020,Q2023,Q2024  Q2025  Q2051,Q2052,Q2053  Q2054,Q2105  Q2108,Q2109  D2001,D2002  D2003,D2201	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IC IT IC IC IC IC IT IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR  KRA102S or  RN2402 or  UNR2111  RN1443 or  KRC286S  KRC101S or  RN1401  2SK3019  KDS4148U or  1SS352 or	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2RH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 2216175R2 or 2213145R2 2216185R2 or 2214375R2 2216220R2 or 2217250R2 2216330R2 or 2217250R2 2216520R2 2216330R2 or 2217250R2 2216330R2 or 2214460R2 2216520R2 2216520R2 2216520R2 2216520R2 2216520R2 22216520R2 223234R2 or	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018  Q2008,Q2009,Q2022  Q2010  Q2020,Q2023,Q2024  Q2025  Q2051,Q2052,Q2053  Q2054,Q2105  Q2108,Q2109  D2001,D2002	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IC IC IT	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR  KRA102S or  RN2402 or  UNR2111  RN1443 or  KRC286S  KRC101S or  RN1401  2SK3019  KDS4148U or  1SS355 or	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2TH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 2216175R2 or 2213145R2 2216185R2 or 2214375R2 2216220R2 or 2217250R2 2216230R2 or 2217250R2 2216520R2 2216530R2 or 2217250R2 2216330R2 or	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018  Q2008,Q2009,Q2022  Q2010  Q2020,Q2023,Q2024  Q2025  Q2051,Q2052,Q2053  Q2054,Q2105  Q2108,Q2109  D2001,D2002  D2003,D2201  D2202	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IC IT IC IC IC IC IT IC	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR  KRA102S or  RN2402 or  UNR2111  RN1443 or  KRC286S  KRC101S or  RN1401  2SK3019  KDS4148U or  1SS355 or  MA2J111	22241946R2 22241779 22242202R3 22278033DR2T or 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 2216175R2 or 2213145R2 2216185R2 or 2214530R2 or 2214530R2 or 2217250R2 2216220R2 or 2217250R2 2216330R2 or 2217250R2 2216330R2 or 2217250R2 2216330R2 or 2214460R2 2216520R2 223283R2 or 223234R2 or 223259R2 223269R2 or 223279R2	REMARKS
CIRCUIT NO.  Q2001,Q2002,Q2003  Q2004  Q2101  Q2102  Q2103  Q2104  Q2106,Q2107  Q2111  Q2005,Q2201,Q2202  Q2006,Q2007,Q2012  Q2013,Q2017,Q2018  Q2008,Q2009,Q2022  Q2010  Q2020,Q2023,Q2024  Q2025  Q2051,Q2052,Q2053  Q2054,Q2105  Q2108,Q2109  D2001,D2002  D2003,D2201	PART NAME IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IC IC IT	DESCRIPTION  NJM2595M  LC74763-9836  ADV7183B  TA48033AF(TE16L, NQ) or  BA33BC0FP  TA48018AF(TE16L, NQ) or  BA18BC0FP  ADV7172  LA7106MFP  NJU7313AM  KTC3875-GR or  2SC2712-GR  RN1443 or  KRC286S  KTA1504-GR or  2SA1162-GR  KRA102S or  RN2402 or  UNR2111  RN1443 or  KRC286S  KRC101S or  RN1401  2SK3019  KDS4148U or  1SS355 or	22241946R2 22241779 22242202R3 22278033DR2T or 22278033DR2TH 22278018DR2T or 22278018DR2RH 22242155R3 22241465R2 2216175R2 or 2213145R2 2216185R2 or 2214375R2 2216220R2 or 2217250R2 2216230R2 or 2217250R2 2216520R2 2216530R2 or 2217250R2 2216330R2 or	REMARKS

V0404	IODVOTAL	EOV 00 00 00001	004040050	T
X2101	CRYSTAL	FCX-03-28.6363MHz	3010408R2	
L2001	CHOKE COIL	NCH-1572	231292J056R2	
L2002,L2007	CHOKE COIL	NCH-1471 or	231237K022R2 or	
L2101,L2104,L2105	CHOKE COIL	NCH-1587-022K	233533K022R2	
L2102,L2103	CHOKE COIL	NCH-1477	231237K220R2	
C2001,C2002,C2003	C-CERA C	CK725B1H-102K1	332101025R1	
C2004,C2005,C2007	VR C	CE04W50V-10M(VR)	394681007	
C2006,C2009,C2015	C-CERA C	CK725F1E-104Z1	332161040R1	
C2008,C2013,C2014	VR C	CE04W50V-10M(VR)	394681007	
C2010,C2011,C2012	C-CERA C	CC725CH1H-470J1	342104704R1	
C2016,C2017,C2018	C-CERA C	CC725CH1H-470J1	342104704R1	
C2019,C2020,C2091	VR C	CE04W50V-10M(VR)	394681007	
C2021,C2022,C2025	C-CERA C	CK725F1E-104Z1	332161040R1	
C2023,C2024,C2027	VR C	CE04W16V-100M(VR)	394641017	
C2026,C2029,C2030	C-CERA C	CK725F1E-104Z1	332161040R1	
C2028,C2031,C2032	VR C	CE04W16V-100M(VR)	394641017	
C2033,C2052,C2066	C-CERA C	CK725F1E-104Z1	332161040R1	
C2041	C-CERA C	CC725CH1H-100D1	342101002R1	
C2042	C-CERA C	CC725CH1H-180J1	342101804R1	
C2043	C-CERA C	CC725CH1H-180J1	342101804R1	<p a="" k="" r="" t=""></p>
C2044	C-CERA C	CC725CH1H-080D1	342100802R1	<p a="" k="" r="" t=""></p>
C2045,C2046,C2047	C-CERA C	CC725CH1H-470J1	342104704R1	
C2048,C2050	C-CERA C	CC725CH1H-470J1	342104704R1	
C2049,C2057	VR C	CE04W50V-1M(VR)	394680107	
C2051,C2073,C2078	VR C	CE04W10V-470M(VR)	394634717	
C2053,C2065,C2177	VR C	CE04W16V-100M(VR)	394641017	
C2054	VR C	CE04W50V-0.33M(VR)	394683397	
C2055	C-CERA C	CK725B1H-122K1	332101225R1	
C2056	TF C	ECQ-B50V-682J	374726824	
C2058	TF C	ECQ-B50V-223J	374722234	
C2059	C-CERA C	CC725CH1H-220J1	342102204R1	
C2060	C-CERA C	CC725CH1H-270J1	342102704R1	
C2061	VR C	CE04W50V-0.47M(VR)	394684797	
C2063	TF C	ECQ-V50V-334J	374723344	
C2067,C2068,C2071	C-CERA C	CK725F1E-104Z1	332161040R1	
C2072,C2090,C2101	C-CERA C	CK725F1E-104Z1	332161040R1	
C2092	VR C	CE04W50V-10M(VR)	394681007	
C2102,C2136	VR C	CE04W10V-470M(VR)	394634717	
C2103,C2105,C2106	C-CERA C	CK725F1E-104Z1	332161040R1	
C2104,C2112,C2115	CHIP TANTAL	F93-16V-10M or	395541007R2 or	
C2107,C2108,C2109	C-CERA C	CK725F1E-104Z1	332161040R1	
C2110,C2124	C-CERA C	CK725B1H-103K1	332101035R1	
C2111,C2113,C2114	C-CERA C	CK725F1E-104Z1	332161040R1	
C2116,C2118,C2120	C-CERA C	CK725F1E-104Z1	332161040R1	
C2117,C2119,C2164	CHIP TANTAL	TCFGA-1C106M8R	396041007R2	
C2121,C2122	C-CERA C	CK725B1H-102K1	332101025R1	
C2123,C2125,C2126	C-CERA C	CK725F1E-104Z1	332161040R1	
C2128,C2129	C-CERA C	CC725CH1H-080D1	342100802R1	
C2130,C2134,C2137	C-CERA C	CK725F1E-104Z1	332161040R1	
C2131,C2135	C-CERA C	CK725F1E-104Z1	332101035R1	
C2131,C2133	C-FILM C	ECHU16V-823J		
_	_		373048234R2	
C2133	C-FILM C	ECHU16V-103J	373041034R2	
C2141,C2142,C2161	C-CERA C	CK725F1E-104Z1	332161040R1	
C2162,C2163,C2178	C-CERA C	CK725F1E-104Z1	332161040R1	
C2171,C2172,C2173	C-CERA C	CK732B1A-105K	337361055R2	
C2174,C2175,C2176	C-CERA C	CK732B1A-105K	337361055R2	
C2179,C2182,C2183	C-CERA C	CK725F1E-104Z1	332161040R1	
C2180,C2181,C2184	VR C	CE04W16V-100M(VR)	394641017	
C2185,C2186,C2188	C-CERA C	CK725F1E-104Z1	332161040R1	
C2189	C-CERA C	CK725F1E-104Z1	332161040R1	
C2201,C2002	C-CERA C	CK725B1H-102K1	332101025R1	
R2001,R2002,R2003	C-CARBON R	RN72K1J-103JE	435031034R1	
R2004,R2005,R2006	C-CARBON R	RN72K1J-750JE	435037504R1	1
R2007,R2008,R2009 R2010,R2011,R2012	C-CARBON R C-CARBON R	RN72K1J-750JE RN72K1J-750JE	435037504R1 435037504R1	

R2013,R2014,R2015	C-CARBON R	RN72K1J-750JE	435037504R1	
R2016,R2017,R2018	C-CARBON R	RN72K1J-750JE	435037504R1	
R2019,R2020,R2021	C-CARBON R	RN72K1J-750JE	435037504R1	
R2041,R2042,R2043	C-CARBON R	RN72K1J-222JE	435032224R1	
R2044,R2064,R2110	C-CARBON R	RN72K1J-222JE	435032224R1	
R2045,R2065,R2091	C-CARBON R	RN72K1J-103JE	435031034R1	
R2046,R2055,R2101	C-CARBON R	RN72K1J-102JE	435031024R1	
R2047,R2057	C-CARBON R	RN72K1J-473JE	435034734R1	
R2048,R2053	C-CARBON R	RN72K1J-682JE	435036824R1	
R2049	C-CARBON R	RN72K1J-332JE	435033324R1	
R2050,R2058,R2059	C-CARBON R	RN72K1J-221JE	435032214R1	
R2051	C-CARBON R	RN72K1J-824JE	435038244R1	
R2052	C-CARBON R	RN72K1J-152JE	435031524R1	
R2054,R2094,R2095	C-CARBON R	RN72K1J-121JE	435031214R1	
R2056,R2061	C-CARBON R	RN72K1J-272JE	435032724R1	
R2060	C-CARBON R	RN72K1J-123JE	435031234R1	
R2062	C-CARBON R	RN72K1J-333JE	4350333334R1	
	•			
R2063 R2066.R2067	C-CARBON R	RN72K1J-680JE	435036804R1	
,	C-CARBON R	RN72K1J-221JE	435032214R1	
R2070	C-CARBON R	RN72K1J-220JE	435032204R1	
R2071,R2072,R2073	C-CARBON R	RN72K1J-104JE	435031044R1	
R2074,R2075,R2076	C-CARBON R	RN72K1J-104JE	435031044R1	
R2077,R2078,R2079	C-CARBON R	RN72K1J-104JE	435031044R1	
R2080,R2081,R2082	C-CARBON R	RN72K1J-104JE	435031044R1	
R2083,R2084,R2085	C-CARBON R	RN72K1J-104JE	435031044R1	
R2086,R2162,R2164	C-CARBON R	RN72K1J-104JE	435031044R1	
R2087	C-CARBON R	RN72K1J-331JE	435033314R1	
R2088	C-CARBON R	RN72K1J-750JE	435037504R1	
R2089	C-CARBON R	RN72K1J-082JE	435030824R1	
R2090	C-CARBON R	RN72K1J-022JE	435030224R1	
R2092,R2097	C-CARBON R	RN72K1J-471JE	435034714R1	
R2093,R2098	C-CARBON R	RN72K1J-820JE	435038204R1	
R2096	C-CARBON R	RN72K1J-103JE	435031034R1	
R2102,R2103,R2104	C-CARBON R	RN72K1J-102JE	435031024R1	
R2105,R2106,R2107	C-CARBON R	RN72K1J-102JE	435031024R1	
R2108,R2115,R2204	C-CARBON R	RN72K1J-102JE	435031024R1	
R2109,R2111,R2112	C-CARBON R	RN72K1J-101JE	435031014R1	
R2113	C-CARBON R	RN72K1J-222JE	435032224R1	
R2114,R2130,R2131	C-CARBON R	RN72K1J-472JE	435034724R1	
R2116	C-CARBON R	RN72K1J-681JE	435036814R1	
R2121,R2122,R2123	C-CARBON R	RN72K1J-330JE	435033304R1	
R2124,R2125,R2126	C-CARBON R	RN72K1J-330JE	435033304R1	
R2127,R2128,R2129	C-CARBON R	RN72K1J-330JE	435033304R1	
R2132,R2133,R2143	C-CARBON R	RN72K1J-101JE	435031014R1	
R2134,R2135	C-CARBON R	RN72K1J-122JE	435031224R1	
R2141,R2142	C-CARBON R	RN72K1J-122JE	435031224R1	
R2144	C-CARBON R	RN72K1J-330JE	435033304R1	
R2145	C-CARBON R	RN72K1J-472JE	435034724R1	
R2161,R2163,R2165	C-CARBON R	RN72K1J-101JE	435031014R1	
R2166,R2168	C-CARBON R	RN72K1J-104JE	435031044R1	
R2167,R2169,R2171	C-CARBON R	RN72K1J-101JE	435031014R1	
R2170,R2172	C-CARBON R	RN72K1J-104JE	435031044R1	
R2173,R2174	C-CARBON R	RN72K1J-104JE	435031014R1	
R2175,R2174	C-CARBON R	RN72K1J-101JE	435031804R1	
R2176,R2177,R2178	C-CARBON R	RN72K1J-820JE	435038204R1	
R2179,R2177,R2176	C-CARBON R	RN72K1J-391JE	435033914R1	
R2181,R2182,R2183	C-CARBON R	RN72K1J-820JE	435038204R1	
R2184,R2185,R2186	C-CARBON R	RN72K1J-820JE	435038204R1	
R2187,R2188,R2189	C-CARBON R	RN72K1J-680JE	435036804R1	
R2190,R2191,R2192	C-CARBON R	RN72K1J-680JE	435036804R1	
R2201,R2202,R2203	C-CARBON R	RN72K1J-475JE	435034754R1	
R2205	C-CARBON R	RN72K1J-102JE	435031024R1	
		B1   B1   C1   C1   C1   C1   C1   C1		
R2207,R2208,R2209	C-CARBON R	RN72K1J-000JE	435030004R1	
		RN72K1J-000JE NPL-2P1A-DC4.5-169 or NRL-2P2A-DC4.5-173	435030004R1 25065645 or 25065658	

	T		1 '	
RL2205	RELAY	NPL-2P1A-DC4.5-169 or	25065645 or	
	RELAY	NRL-2P2A-DC4.5-173	25065658	
P2001,P2002,P2003	PIN JACK	NPJ-10PDBY621 or	25045842 or	
	PIN JACK	NPJ-10PDBY478	25045681	
P2007	PIN JACK	NPJ-5PDBY622 or	25045843	
	PIN JACK	NPJ-5PDBY479	25045682	
P2201	PIN JACK	NPJ-9PDGLRGLRGLR563 or	25045781 or	
	PIN JACK	NPJ-9PDGLR519	25045731	
P2202	PIN JACK	NPJ-3PDGLR623	25045844	
JL2006A	WIRE HOL	NSCT-5P896	25051109	
P2004A,P2005A	SOCKET	NSCT-13P2193	25052296	
DSP CIRCUIT PC BOA		· · · · /		
FRONT VIDEO PC BO		AR-8661-1A/1B/1C/1D/1F)		
CIRCUIT NO.	PART NAME	DESCRIPTION	PART NO.	REMARKS
CIRCUIT NO.	IC	74HCU04F or	222740046R2 or	REWARKS
Q121	IC	SN74HCU04NSR	222740046R2 0I 222740046R2TI	
Q131	IC	TC7WU04FU	22240935R2	
QISI	IC	TC74VHC157FT or	22274157ER2TO or	
Q141,Q161	IC	SN74AHC157PWR	22274157ER2TO 01	
	IC(REGULATOR)	TA48033AF(TE16L、NQ) or	22278033DR2T or	
Q191	IC(REGULATOR)	BA33BC0FP	22278033DR2T 0I	
	IC(REGULATOR)	TA48025AF(TE16L, NQ) or	22278025DR2TO or	
Q192	IC(REGULATOR)	BA25BCOFP	22241835R2	
	IC(REGULATOR)	TA4805AF(TE16L、NQ) or	22278005DR2TO or	
Q193	IC(REGULATOR)	NJM2391DL1-05 or	22278005DR2JR or	
Q100	IC(REGULATOR)	MPC2905AT	22278005DR2NE	
Q201	IC	CS494003CQZ	22242039R3	
	IC	EN29LV040-70TCP or	W0037R301566M100 or	
Q211	IC	MX26LV040-70	222W0037R3	NSP
	IC	IC42S16100 or	22242123R2 or	1101
Q285	IC	M12L16161A-7TG	22242278R3	
Q301,Q302,Q303	IC	NE5532APSR	22242283R2	
Q331,Q341,Q351	IC	CS5340-CZ(SE-U33GX)	22242187R2	
Q361	IC	CS42528-CQZR-D	22242275R2	
Q400,Q401,Q402	IC	NE5532APSR	22242283R2	
Q403,Q410,Q411	IC	NE5532APSR	22242283R2	
Q412,Q413,Q420	IC	NE5532APSR	22242283R2	
Q421,Q422,Q423	IC	NE5532APSR	22242283R2	
Q430,Q431,Q432	IC	NE5532APSR	22242283R2	
Q433	IC	NE5532APSR	22242283R2	
Q551	IC	LM2940CT-5.0	22242242	
Q701	IC	M30627FHPGP U5C	W0025R301550M106	
Q710	IC	XC6213B332MR	22242277R2	
0744	IC	TC74VHCT541AFT or	22274541GR2TO or	
Q711	IC	SN74AHCT541PWR	22274541GR2TI	
	IC	TC74VHC541FT(EKJ) or	22274541E1R2TO or	
Q712,Q713	IC	TC74VHC541FT or	22274541ER2TO or	
	IC	SN74AHC541PWR	22274541IR2TI	
Q714	IC	S-812C56AUA-C3K	22242207R2	
Q702,Q705,Q707	TR	KRC104S or	2216210R2 or	
Q709	TR	RN1404	2214490R2	
Q703,Q704,Q706	TR	KRA102S or	2216220R2 or	
Q708	TR	RN2402	2214530R2	
U101,U102,U103	PHT CP	GP1FAV51RKF5 or	24120129 or	
U104	PHT CP	TORX177L	24120127	
U105	PHT CP	GP1FAV51TKBF or	24120132 or	
0 100	PHT CP	TOTX177L	24120126	
U7641	PHT CP	TORX177L	24120127	
	C-DIODE	KDS4148U or	223283R2 or	
D601,D602,D605,D606,	C-DIODE	1SS352 or	223234R2 or	
D607	C-DIODE	1SS355 or	223269R2 or	
	C-DIODE	MA2J111	223279R2	
	C-DIODE C-DIODE	KDS4148U or	223283R2 or	<t></t>

טטטט	C DIODE	1000EF 07	2222C0D2 or	.т.
	C-DIODE	1SS355 or	223269R2 or	<t></t>
	C-DIODE	MA2J111	223279R2	<t></t>
D604	ZENER D	UDZS5.1B or	224550510R2 or	
	ZENER D	HZU5.1B	224660514R2	
D609,D610,D614	DIODE	RL1N4003 or	22380260 or	
	DIODE	GP104003E	22380035	
	C-DIODE	KDS4148U or	223283R2 or	
D611,D612,D613	C-DIODE	1SS352 or	223234R2 or	
	C-DIODE	1SS355 or	223269R2 or	
	C-DIODE	MA2J111	223279R2	
D615	ZENER D	UDZS4.7B or	224550470R2 or	<t></t>
	ZENER D	HZU4.7B	224660474R2	<t></t>
X131	CRYSTAL	HC-49U0312.288MHz	3010414	
X701	CERA LOCK	CSTCR6M0055-R0	3010397R2	
L101,L102,L131	CHOKE COIL	NCH-1471	231237K022R2	
L121,L122,L331	CHOKE COIL	NCH-1479	231237K470R2	
L133	EMIFIL	BK1608HS102-T	230955R2	
L141,L161	CHOKE COIL	NCH-1471	231237K022R2	
L142,L204	EMIFIL	BK1608LL241-T	230959R1	
L191,L192	CHOKE COIL	NCH-1473	231237M047R2	
L201,L202,L203	CHOKE COIL	NCH-1471	231237K022R2	
L281,L285,L332	CHOKE COIL	NCH-1471	231237K022R2	
L341,L351	CHOKE COIL	NCH-1479	231237K470R2	
L342,L352,L361	CHOKE COIL	NCH-1471	231237K022R2	
L362,L366,L367	EMIFIL	BK1608LM182-T	230958R1	
L363.L364.L365	CHOKE COIL	NCH-1471	231237K022R2	
L601,L602	CHOKE COIL	NCH-1471	231237K022R2	
L603,L604	CHOKE COIL	NCH-1471	231237K022R2	
L7603,L7604,L7641	CHOKE COIL	NCH-1471	231237K022R2	
C101,C102,C218	C-CERA C	CC725CH1H-101J1	342101014R1	
C103,C104,C108	C-CERA C	CK725B1C-104K1	332121045R1	
C105,C106,C107	C-CERA C	CC725CH1H-080D1	342100802R1	
C111,C112,C113	C-CERA C	CK725F1E-104Z1	332161040R1	
C114,C115,C122	C-CERA C	CK725F1E-104Z1	332161040R1	
C116,C121	VR C	CE04W16V-100M(VR)	394641017	
C125,C146	C-CERA C	CK725B1H-102K1	332101025R1	
C131,C134,C141	C-CERA C	CK725F1E-104Z1	332161040R1	
C132,C133	C-CERA C	CC725CH1H-120J1	342101204R1	
	C-CERA C			
C161,C201		CK725F1E-104Z1	332161040R1	
C191,C193	VR C	CE04W6.3V-470M(VR)	394624717	
C192,C194,C196	VR C	CE04W16V-100M(VR)	394641017	
C195	VXC	CE04W16V-1000M(VR)	394641027	
C202,C203,C204	C-CERA C	CK725F1E-104Z1	332161040R1	
C205,C206,C208	C-CERA C	CK725F1E-104Z1	332161040R1	
C207,C210,C211	VR C	CE04W16V-100M(VR)	394641017	
C209,C212,C216	C-CERA C	CK725F1E-104Z1	332161040R1	
C213	CHIP TANTAL	CS772SB1C-2.2M	395640227R2	
C214	C SERA C	CC725CH1H-122J1	342101224R1	
C215	C-CERA C	CC725CH1H-680J1	342106804R1	
C217,C282,C286	C-CERA C	CK725F1E-104Z1	332161040R1	
C281,C285,C331	VR C	CE04W16V-100M(VR)	394641017	
C287,C288,C289	C-CERA C	CK725F1E-104Z1	332161040R1	
C290,C291,C332	C-CERA C	CK725F1E-104Z1	332161040R1	
C301,C304	VX C	CE04W50V-10M(VX)	393381007	
C302,C306,C312	C-CERA C	CC725CH1H-101J1	342101014R1	
C303,C307,C313	C-CERA C	CC732CH1H-222J	347342224R2	
C305,C308,C311	VX C	CE04W50V-10M(VX)	393381007	
C314,C315,C318	VX C	CE04W50V-10M(VX)	393381007	
C316,C322,C326	C-CERA C	CC725CH1H-101J1	342101014R1	
C317,C323,C327	C-CERA C	CC732CH1H-222J	347342224R2	
C321,C324,C325	VX C	CE04W50V-10M(VX)	393381007	
0321,0324,0323	-	\		
	VX C	CE04W50V-10M(VX)	1393381007	
C328,C334,C344		CE04W50V-10M(VX) CK725F1E-104Z1	393381007 332161040R1	
	VX C C-CERA C VR C	CE04W50V-10M(VX) CK725F1E-104Z1 CE04W16V-100M(VR)	332161040R1 394641017	

C-98 C-947 C-949  C-98 C-98 C-98 C-98 C-98 C-98 C-98 C-98	0045 0047 0040	IO OEDA O	01/705545 40474	00040404000	
C32C_033C_0355	C345,C347,C349	C-CERA C	CK725F1E-104Z1	332161040R1	
C356 C358 C367			` '		
C356 C358 C367 W C C CERA C CX25F1E-1042T 32161040RT   C361 C358 C362 C-CERA C CX25F1E-1042T 32161040RT   C361 C368 C368 VX C CEDW(6.3V-220M(VX) 393322217   C363 C366 C368 VX C CEDW(6.3V-220M(VX) 393322217   C366 C370 C-CERA C CX725F1E-1042T 322161040RT   C370 C-CERA C CX725F1E-1042T 332161040RT   C371 C-CERA C CX725F1H-422KT 332102225RT   C372 C373 C374 C-CERA C CX725F1H-422KT 332102225RT   C374 C375 C376 C-CERA C CX725F1H-323KT 332102225RT   C374 C375 C376 C-CERA C CX725F1H-323KT 332102225RT   C372 C373 C374 C375 C-CERA C CX725F1H-330J1 342103304RT   C372 C373 C377 C378 C-CERA C CX725F1H-330J1 342103304RT   C373 C374 C377 C378 C-CERA C CX725F1H-330J1 342103304RT   C379 C381 C-CERA C CX725F1H-330J1 342103304RT   C380 C336 VX C CE04W(8.3V-220M(VX) 393322217   C396 C336 TF C ECC-850V-471 374722474   C380 C330 C376 TF C ECC-850V-471 374722474   C400 C401 C402 TF C ECC-850V-471 374724714   C402 C402 C404 C405 TF C ECC-850V-471 374724714   C406 C440 C405 TF C ECC-850V-471 374724714   C407 TF C ECC-850V-121K 37472155   C410 C411 C412 TF C ECC-850V-121K 374721215   C410 C411 C412 TF C ECC-850V-121K 374721215   C415 C417 C427 TF C ECC-850V-121K 374721215   C415 C417 C427 TF C ECC-850V-121K 374721215   C416 C420 C421 TF C ECC-850V-121K 374721215   C417 C427 TF C ECC-850V-121K 374721215   C417 C417 C417 TF C ECC-850V-121K 374721215   C417 C41	, ,				
C637.C359.C362 C-CERA C C6731-C369 VX C C664WS 3V-20M(WX) C6863.C366.C368 C-CERA C C6741-C374 C-C664WS 3V-20M(WX) C365.C366.C368 C-CERA C C6751-C374 C-C674 C-C674-C474 C-C674-C474-C474-C474-C474-C474-C474-C47	•		\ /		
C381 C.389 C. V.C C. C			· /		
CGSG 1.256 C.356 C.356 C.CERA C C.CFZSFLE-1042T 332161040R1 C.256 RFS C C.560 RFS C C.570 C.CERA C C.CFZSEB1H-222K1 3321602228R1 C.2571 C.CERA C C.CFZSEB1H-222K1 332104758R1 C.2572 C.3573 C.CERA C C.CFZSEB1H-222K1 332104758R1 C.2573 C.3574 C.3575 C.CERA C C.CFZSEB1H-325K1 332104758R1 C.2573 C.3574 C.3575 C.CERA C C.CFZSEB1H-320J1 342103304R1 C.2573 C.3574 C.3575 C.CERA C C.CFZSEB1H-330J1 342103304R1 C.3576 C.3574 C.3575 C.CERA C C.CFZSEB1H-330J1 342103304R1 C.3576 C.3576 C.3574 C.3575 C.CERA C C.CFZSEB1H-330J1 342103304R1 C.3576 C.357	, ,				
C385         RFS C         CEOMUSS-VATMIRES)         395954707           C370         C-CERA C         CK728H1-222K1         332102225R1           C371         C-CERA C         CK728H1-473K1         332104735R1           C372,C374,C375         C-CERA C         CK725H1-473K1         332161040R1           C372,C374,C375         C-CERA C         CC725CH1H-330J1         332163304R1           C379,C381         C-CERA C         CC725CH1H-330J1         342103304R1           C380,C382         VX C         CEWW6,3V-220M(VX)         39322217           C380,C382         VX C         CEWW6,3V-220M(VX)         39322217           C395,C396         TF C         ECO-B50V-471J         37472224           C400,C401,C402         TF C         ECO-B50V-471J         374724714           C403,C404,C405         TF C         ECO-B50V-471J         374724714           C400,C411,C412         TF C         ECO-B50V-471J         374724714           C400,C412,C412         TF C         ECO-B50V-121K         37472155           C413,C414,C415         TF C         ECO-B50V-121K         374721215           C415,C422,C423         C424         TF C         ECO-B50V-121K         374721215           C415,C427         TF C		-	\ /		
C370	C363,C366,C368	C-CERA C	CK725F1E-104Z1	332161040R1	
C371	C365	RFS C	CE04W25V-47M(RFS)	395954707	
C372.C383.C384.C - CERA C	C370	C-CERA C	CK725B1H-222K1	332102225R1	
C375.C377.C378	C371	C-CERA C	CK725B1H-473K1	332104735R1	
C376_C377_C378 C-CERA C C2725CH1H-330J1 342103304R1 C380_C382 VX C C604M6_SV-220M(VX) 393322217 C396_C386 VX C C604M6_SV-220M(VX) 393322217 C396_C386 VX C C604M6_SV-220M(VX) 393322217 C396_C386 VX C C604M6_SV-220M(VX) 393322217 C400_C401_C402 FF C EC0_B50V-222J 374722224 E400_C401_C402 FF C EC0_B50V-471J 374724714 C403_C404_C405 FF C EC0_B50V-471J 374724714 C406_C440_C401 FF C EC0_B50V-471J 374724714 C407 FF C EC0_B50V-471J 374724714 C407 C401_C401_C402 FF C EC0_B50V-471J 374724714 C402_C401_C411 FF C EC0_B50V-471J S74721215 C410_C411_C412 FF C EC0_B50V-121K 374721215 C416_C420_C421 FF C EC0_B50V-121K 374721215 C416_C420_C421 FF C EC0_B50V-121K 374721215 C422_C423_C424 FF C EC0_B50V-121K 374721215 C422_C423_C424 FF C EC0_B50V-121K 374721215 C430_C431_C432 FF C EC0_B50V-121K 37472124 C430_C431_C432 FF C EC0_B50V-121 37472124 C430_C443_C444 FF C EC0_B50V-121 37472124 C442_C443_C444 FF C EC0_B50V-121 37472124 C442_C443_C446 C447 FF C EC0_B50V-121 37472124 C445_C446 C470_FF FI C EC0_B50V-121 37472124 C445_C446 C470_C470_FF FI C EC0_B50V-121 37472124 C470_C470_C470_FF FI C EC0_B50V-121 37472124 C470_C470_C470_FF FI C EC0_B50V-121 37472124 C470_C470_C470_FF FI C EC0_E50V-120_FF FI C EC0_E50V-	C372,C383,C384	C-CERA C	CK725F1E-104Z1	332161040R1	
C379 C381         C-CERA C         CC725CH1H-330J1         342103304R1           C380, C382         VX C         CE04W6.3V-220M(VX)         393322217           C399, C386         TF C         ECQ-B50V-222J         374722224           C400, C401, C405         TF C         ECQ-B50V-471J         374724714           C403, C404, C405         TF C         ECQ-B50V-471J         374724714           C406, C440, C411         TF C         ECQ-B50V-471J         374724714           C406, C440, C411         TF C         ECQ-B50V-471J         374724714           C410, C411, C412         TF C         ECQ-B50V-121K         374721515           C410, C411, C415         TF C         ECQ-B50V-121K         374721215           C415, C420, C421         TF C         ECQ-B50V-121K         374721215           C417, C427         TF C         ECQ-B50V-121K         374721215           C417, C427         TF C         ECQ-B50V-121K         374721215           C422, C423, C424         TF C         ECQ-B50V-121K         374721215           C425, C428         TF C         ECQ-B50V-121K         374721224           C430, C437         TF C         ECQ-B50V-122J         374721224           C438, C434, C434         TF C         E	C373,C374,C375	C-CERA C	CC725CH1H-330J1	342103304R1	
C390.C382	C376,C377,C378	C-CERA C	CC725CH1H-330J1	342103304R1	
C398. C398.  C396. C396.  C400.C401,C402  TF C  ECQ.B50V-2221  374722244  C403.C404,C405  TF C  ECQ.B50V-471J  374724714  C406.C400,C401  TF C  ECQ.B50V-471J  374724714  C406.C400,C401  TF C  ECQ.B50V-471J  374724714  C406.C400,C401  TF C  ECQ.B50V-471J  374724714  C410.C411,C412  TF C  ECQ.B50V-471J  374722334  C410,C411,C412  TF C  ECQ.B50V-121K  374721215  C413.C414,C415  TF C  ECQ.B50V-121K  374721215  C415,C427  C417,C427  TF C  ECQ.B50V-121K  374721215  C422,C423,C424  TF C  ECQ.B50V-121K  374721215  C423,C430,C432  TF C  ECQ.B50V-121K  374721215  C430,C431,C432  TF C  ECQ.B50V-121X  37472124  C433,C434,C435  TF C  ECQ.B50V-122J  374721224  C436,C437  TF C  ECQ.B50V-122J  374721224  C438,C443,C444  TF C  ECQ.B50V-121J  374724714  C442,C443,C444  TF C  ECQ.B50V-121J  374724714  C444,C443,C444  TF C  ECQ.B50V-171J  374724714  C552  VR C  CEQ.B50V-471J  374724714  C552  VR C  CEQ.B50V-471J  374724714  C552  VR C  CEQ.B50V-471J  374724714  C555  C556  VX C  CEQ.B50V-471J  374724714  C555  C556  VX C  CEQ.B50V-471J  374724714  C555  C556  VX C  CEQ.B50V-471J  374724714  C555  C556  C557  C558  VX C  CEQ.B50V-471J  374724714  C550  C5601,C602,C603  C-CERA C  C7725F1E-10421  332161040R1  C5600,C605  C-CERA C  C7725F1E-10421  332161040R1  C606,C606  C-CERA C  C7725CH1H-102J1  342101024R1  C612,C613,C614  C-CERA C  C7725CH1H-102J1  342101024R1  C620  C-CERA C  C7725CH1H-102J1  342101024R1  C612,C613,C614  C-CERA C  C7725CH1H-102J1  342101024R1  C620  C-CERA C  C7725CH1H-102J1  342101024R1  C702,C716,C720  VR C  CEQ.W150V-V10M(VR)  39468017  C701  C701,C711  C712  C714  C719  CCERA C  C7725CH1H-102J1  342101024R1  C7631  C763	C379,C381	C-CERA C	CC725CH1H-330J1	342103304R1	
C400_C401_C402         TF C         ECQ-B50V-471J         374724714           C403_C404_C405         TF C         ECQ-B50V-471J         374724714           C406_C440_C441         TF C         ECQ-B50V-471J         374724714           C407         TF C         ECQ-B50V-171K         374723334           C410_C411_C412         TF C         ECQ-B50V-121K         374721215           C413_C414_C415         TF C         ECQ-B50V-121K         374721215           C416_C420_C421         TF C         ECQ-B50V-121K         374721215           C417_C427         TF C         ECQ-B50V-121K         374721254           C422_C423_C424         TF C         ECQ-B50V-121K         374721254           C422_C423_C424         TF C         ECQ-B50V-121K         374721225           C430_C431_C432         TF C         ECQ-B50V-121K         374721224           C430_C437_TF C         ECQ-B50V-121J         374721224           C430_C437_TF C         ECQ-B50V-121J         374721224           C430_C437_TF C         ECQ-B50V-121J         374721224           C441_C443_C444_TF C         ECQ-B50V-471J         374724741           C552_C556_C56_C56_C447_T         TF C         ECQ-B50V-471J         374721224           C445_C443_C444	C380,C382	VX C	CE04W6.3V-220M(VX)	393322217	
C403.C404.C405 TF C ECQ-B50V-471.J 374724714 C406.C440.C441 TF C ECQ-B50V-471.J 374724714 C407 TF C ECQ-B50V-171K 374724714 C407 TF C ECQ-B50V-121K 374722155 C410.C411.C412 TF C ECQ-B50V-121K 374721215 C410.C411.C412 TF C ECQ-B50V-121K 374721215 C416.C420.C421 TF C ECQ-B50V-121K 374721215 C416.C420.C421 TF C ECQ-B50V-121K 374721215 C416.C420.C421 TF C ECQ-B50V-121K 374721215 C417.C427 TF C ECQ-B50V-121K 374721215 C417.C427 TF C ECQ-B50V-121K 374721215 C418.C420.C423.C424 TF C ECQ-B50V-121K 374721215 C422.C423.C424 TF C ECQ-B50V-121K 374721215 C425.C426 TF C ECQ-B50V-121K 374721215 C430.C431.C432 TF C ECQ-B50V-121X 374721224 C430.C431.C432 TF C ECQ-B50V-122J 374721224 C430.C431.C432 TF C ECQ-B50V-122J 374721224 C430.C431.C432 TF C ECQ-B50V-122J 374721224 C436.C437 TF C ECQ-B50V-122J 374721224 C436.C437 TF C ECQ-B50V-122J 374721224 C442.C443.C444 TF C ECQ-B50V-121J 374724714 C445.C446.C447 TF C ECQ-B50V-121J 374724714 C445.C446.C447 TF C ECQ-B50V-121J 374724714 C455.C466.C447 TF C ECQ-B50V-121J 374724714 C552 VR C CEQ-W105V-100M(VR) 393552217 C557.C558 VX C CEQ-W105V-100M(VR) 393552217 C557.C558 VX C CEQ-W105V-100M(VR) 393552217 C557.C558 VX C CEQ-W105V-100M(VR) 393552217 C567.C568 C-CERA C CK725F1E-10421 332161040R1 C604.C605 C-CERA C CK725F1E-10421 332161040R1 C606.C607 C-CERA C CK725F1E-10421 332161040R1 C606.C608 C-CERA C CK725F1E-10421 332161040R1 C606.C608 C-CERA C CK725F1E-10421 332161040R1 C612.C613.C614 C-CERA C CC725CH1H-102J1 342101024R1 C613.C612.C624 C-CERA C CC725CH1H-102J1 342101024R1 C6	C395,C396	TF C	ECQ-B50V-222J	374722224	
C406,C440,C441         TF C         ECQ-B50V-471J         374724714           C407         TF C         ECQ-V50V-3333J         374723334           C410,C411,C412         TF C         ECQ-B50V-121K         374721215           C413,C414,C415         TF C         ECQ-B50V-121K         374721215           C416,C420,C421         TF C         ECQ-B50V-121K         374721215           C417,C427         TF C         ECQ-B50V-121K         374721254           C422,C423,C424         TF C         ECQ-B50V-121K         374721215           C422,C423 C424         TF C         ECQ-B50V-121K         374721215           C430,C431,C432         TF C         ECQ-B50V-121K         374721224           C430,C431,C432         TF C         ECQ-B50V-122J         374721224           C433,C434,C435         TF C         ECQ-B50V-122J         374721224           C442,C443,C444         TF C         ECQ-B50V-121J         374721224           C442,C443,C444         TF C         ECQ-B50V-121J         37472124           C442,C443,C444         TF C         ECQ-B50V-121J         37472124           C442,C443,C444         TF C         ECQ-B50V-121J         37472124           C442,C443,C444         TF C         ECQ-B50V-121J	C400,C401,C402	TF C	ECQ-B50V-471J	374724714	
C410, C411, C412  C410, C411, C412  C410, C411, C412  TF C  ECQ-B50V-121K  374721215  C416, C420, C421  TF C  ECQ-B50V-121K  374721215  C416, C420, C421  TF C  ECQ-B50V-121K  374721215  C416, C420, C421  TF C  ECQ-B50V-121K  374721215  C422, C423, C424  TF C  ECQ-B50V-121K  374721215  C422, C423, C424  TF C  ECQ-B50V-121K  374721215  C422, C423, C424  TF C  ECQ-B50V-121K  374721215  C425, C426  C425, C426  TF C  ECQ-B50V-121K  374721215  C425, C426  C425, C426  TF C  ECQ-B50V-121K  374721215  C425, C426  C430, C431, C432  TF C  ECQ-B50V-121K  374721215  C430, C431, C432  TF C  ECQ-B50V-121K  374721224  C430, C431, C432  TF C  ECQ-B50V-122L  374721224  C430, C431, C432  TF C  ECQ-B50V-122L  374721224  C430, C431, C432  TF C  ECQ-B50V-122L  374721224  C430, C434, C444  TF C  ECQ-B50V-122L  374721224  C445, C446, C447  TF C  ECQ-B50V-121J  374724714  C445, C446, C447  TF C  ECQ-B50V-471J  374724714  C445, C446, C447  TF C  ECQ-B50V-471J  374724714  C455, C466, C447  TF C  ECQ-B50V-471J  374724714  C455, C466, C467  C552  VR C  CE04W18V-100M(VR)  398352217  C555, C556  VX C  CE04W25V-220M(VX)  393352217  C557, C558  VX C  CE04W25V-220M(VX)  393352217  C557, C558  VX C  CE04W25V-220M(VX)  393352217  C567, C568  VX C  C604W25V-220M(VX)  393352217  C660, C600  C-CERA C  CK725F1E-10421  332161040R1  C606, C607  C-CERA C  CK725F1E-10421  332161040R1  C608, C606, C607  C-CERA C  CK725F1E-10421  332161040R1  C608, C	C403,C404,C405	TF C	ECQ-B50V-471J	374724714	
C410,C411,C412         TF C         ECQ-B50V-121K         374721215           C413,C414,C415         TF C         ECQ-B50V-121K         374721215           C416,C420,C421         TF C         ECQ-B50V-121K         374721215           C417,C427         TF C         ECQ-B50V-121K         374721215           C422,C423,C424         TF C         ECQ-B50V-121K         374721215           C422,C4262         TF C         ECQ-B50V-121K         374721224           C430,C431,C432         TF C         ECQ-B50V-121X         374721224           C433,C433,C435         TF C         ECQ-B50V-122J         374721224           C433,C437         TF C         ECQ-B50V-122J         374721224           C442,C443,C444         TF C         ECQ-B50V-122J         374721224           C442,C443,C444         TF C         ECQ-B50V-12J         37472124           C442,C443,C444         TF C         ECQ-B50V-12J         374721244           C445,C446,C447         TF C         ECQ-B50V-12J         374721244           C552         VR C         CE04W16V-100M(VR)         394641017           C555         C557,C558         VX C         GE04W25V-220M(VX)         393352217           C551,C558         VX C         GE04W55V-22	C406,C440,C441	TF C	ECQ-B50V-471J	374724714	
C413,C414,C415         TF C         ECQ-B50V-121K         374721215           C416,C420,C421         TF C         ECQ-B50V-121K         374721215           C416,C420,C421         TF C         ECQ-B50V-121K         374721215           C422,C423,C424         TF C         ECQ-B50V-121K         374721215           C425,C426         TF C         ECQ-B50V-121K         374721215           C430,C431,C432         TF C         ECQ-B50V-122J         374721224           C433,C434,C435         TF C         ECQ-B50V-122J         374721224           C436,C437         TF C         ECQ-B50V-122J         374721224           C442,C443,C444         TF C         ECQ-B50V-471J         374724714           C445,C446,C447         TF C         ECQ-B50V-471J         374724714           C552         VR C         CE04W16V-100M(VR)         394641017           C555,C556         VX C         CE04W25V-220M(VX)         393352217           C657,C558         VX C         CE04W25V-220M(VX)         393352217           C601,C603         C-CERA C         CK725F1E-10421         332161040R1           C604,C605         C-CERA C         CK725F1E-10421         332161040R1           C606,C607         C-CERA C         CK725F1E-10421 <td></td> <td></td> <td></td> <td>374723334</td> <td></td>				374723334	
C413,C414,C415         TF C         ECQ-B50V-121K         374721215           C416,C420,C421         TF C         ECQ-B50V-121K         374721215           C416,C420,C421         TF C         ECQ-B50V-121K         374721215           C422,C423,C424         TF C         ECQ-B50V-121K         374721215           C425,C426         TF C         ECQ-B50V-121K         374721215           C430,C431,C432         TF C         ECQ-B50V-122J         374721224           C433,C434,C435         TF C         ECQ-B50V-122J         374721224           C436,C437         TF C         ECQ-B50V-122J         374721224           C442,C443,C444         TF C         ECQ-B50V-471J         374724714           C445,C446,C447         TF C         ECQ-B50V-471J         374724714           C552         VR C         CE04W16V-100M(VR)         394641017           C555,C556         VX C         CE04W25V-220M(VX)         393352217           C657,C558         VX C         CE04W25V-220M(VX)         393352217           C601,C603         C-CERA C         CK725F1E-10421         332161040R1           C604,C605         C-CERA C         CK725F1E-10421         332161040R1           C606,C607         C-CERA C         CK725F1E-10421 <td></td> <td></td> <td></td> <td>+</td> <td></td>				+	
C416, C420, C421 TF C					
C417,C427 TF C ECQ-B50V-153J 374721534  C422,C423,C424 TF C ECQ-B50V-121K 374721215  C425,C426 TF C ECQ-B50V-121K 374721215  C430,C431,C432 TF C ECQ-B50V-121K 374721215  C430,C431,C432 TF C ECQ-B50V-122J 374721224  C433,C434,C435 TF C ECQ-B50V-122J 374721224  C435,C437 TF C ECQ-B50V-122J 374721224  C442,C443,C444 TF C ECQ-B50V-122J 374721224  C442,C443,C444 TF C ECQ-B50V-471J 374724714  C445,C446,C447 TF C ECQ-B50V-471J 374724714  C445,C446,C447 TF C ECQ-B50V-471J 374724714  C552 VR C CEQ4W16V-100M(VR) 394641017  C555,C556 VX C CEQ4W16V-100M(VX) 393352217  C557,C558 VX C CEQ4W25V-220M(VX) 393352217  C557,C558 VX C CEQ4W25V-220M(VX) 393352217  C601,C602,C603 C-CERA C CK725F1E-10421 332161040R1  C604,C605 C-CERA C CK725F1E-10421 332161040R1  C606,C607 C-CERA C CK725F1E-10421 332161040R1  C608,C607 C-CERA C CK725F1E-10421 332161040R1  C608,C610,C611 C-CERA C CK725F1E-10421 332161040R1  C612,C613,C614 C-CERA C CK725F1E-10421 332161040R1  C612,C613,C614 C-CERA C CC725CH1H-102J1 342101024R1  C615,C616,C619 C-CERA C CC725CH1H-102J1 342101024R1  C616,C616,C619 C-CERA C CC725CH1H-102J1 342101024R1  C616,C616,C619 C-CERA C CC725CH1H-102J1 342101024R1  C617 VR C CEQ4W50V-4,7M(VR) 394880477  C618,C621,C624 C-CERA C CC725CH1H-102J1 342101024R1  C620 C-CERA C CC725CH1H-102J1 342101024R1  C700,C712,C714 VR C CEQ4W16V-100M(VR) 394861017  C705 EDL C CCRA C CK725F1E-10421 332161040R1  C710,C712,	, ,				
C422,C423,C424         TF C         ECQ-B50V-121K         374721215           C425,C426         TF C         ECQ-B50V-121K         374721215           C430,C431,C432         TF C         ECQ-B50V-122J         374721224           C433,C434,C435         TF C         ECQ-B50V-122J         374721224           C436,C437         TF C         ECQ-B50V-122J         374721224           C442,C443,C444         TF C         ECQ-B50V-471J         374724714           C445,C446,C447         TF C         ECQ-B50V-471J         374724714           C445,C446,C447         TF C         ECQ-B50V-471J         374724714           C552         VR C         CE04W16V-100M(VR)         394641017           C555,C556         VX C         CE04W25V-220M(VX)         393352217           C557,C558         VX C         CE04W25V-220M(VX)         393352217           C601,C602,C603         C-CERA C         CK725F1E-104Z1         332161040R1           C604,C607         C-CERA C         CK725F1E-104Z1         332161040R1           C606,C607         C-CERA C         CK725F1E-104Z1         332161040R1           C609,C610,C611         C-CERA C         CK725F1E-104Z1         332161040R1           C612,C616,C619         C-CERA C <td< td=""><td></td><td></td><td></td><td>+</td><td></td></td<>				+	
C425,C426         TF C         ECQ-B50V-121K         374721215           C430,C431,C432         TF C         ECQ-B50V-122J         374721224           C433,C434,C435         TF C         ECQ-B50V-122J         374721224           C436,C437         TF C         ECQ-B50V-122J         374721224           C442,C443,C444         TF C         ECQ-B50V-471J         374724714           C445,C446,C447         TF C         ECQ-B50V-471J         374724714           C445,C446,C447         TF C         ECQ-B50V-471J         374724714           C552         VR C         CE04W16V-100M(VR)         394641017           C555,C556         VX C         CE04W25V-220M(VX)         393352217           C601,C602,C603         C-CERA C         CK725F1E-10421         332161040R1           C604,C605         C-CERA C         CK725F1E-10421         332161040R1           C606,C607         C-CERA C         CK725F1E-10421         332161040R1 <t>           C608         C-CERA C         CK725F1E-10421         332161040R1         <t>           C609,C610,C611         C-CERA C         CC725CH1H-102J1         342101024R1         <t>           C612,C613,C614         C-CERA C         CC725CH1H-102J1         342101024R1</t></t></t>		+			
C430,C431,C432         TF C         ECQ-B50V-122J         374721224           C433,C434,C435         TF C         ECQ-B50V-122J         374721224           C436,C437         TF C         ECQ-B50V-122J         374721224           C442,C443,C444         TF C         ECQ-B50V-471J         374724714           C445,C446,C447         TF C         ECQ-B50V-471J         374724714           C552         VR C         CE04W16V-100M(VR)         394641017           C555,C556         VX C         CE04W25V-220M(VX)         393352217           C557,C558         VX C         CE04W25V-220M(VX)         393352217           C601,C602,C603         C-CERA C         CK725F1E-104Z1         332161040R1           C604,C605         C-CERA C         CK725F1E-104Z1         332161040R1           C608         C-CERA C         CK725F1E-104Z1         332161040R1           C609,C610,C611         C-CERA C         CK725F1E-104Z1         332161040R1           C612,C613,C614         C-CERA C         CC725CH1H-102J1         342101024R1           C617,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4.7M(VR)         394680477           C618,C621,C624         C-CERA C	, ,				
C433,C434,C435         TF C         ECQ-B50V-122J         374721224           C436,C437         TF C         ECQ-B50V-42J         374721224           C442,C443,C444         TF C         ECQ-B50V-471J         374724714           C445,C446,C447         TF C         ECQ-B50V-471J         374724714           C552         VR C         CE04W16V-100M(VR)         394641017           C555,C556         VX C         CE04W25V-220M(VX)         393352217           C557,C558         VX C         CE04W25V-220M(VX)         393352217           C601,C602,C603         C-CERA C         CK725F1E-104Z1         332161040R1           C604,C605         C-GERA C         CK725F1E-104Z1         332161040R1           C606,C607         C-GERA C         CK725F1E-104Z1         332161040R1           C608         C-CERA C         CK725F1E-104Z1         332161040R1           C609,C610,C611         C-CERA C         CK725F1E-104Z1         332161040R1           C612,C6312,C614         C-CERA C         CC725CH1H-102J1         342101024R1           C615,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4,7M(VR)         394680477           C618,C621,C624         C-CERA C	•				
C436,C437         TF C         ECQ-B50V-122J         374721224           C442,C443,C444         TF C         ECQ-B50V-471J         374724714           C445,C446,C447         TF C         ECQ-B50V-471J         374724714           C552         VR C         CE04W16V-100M(VR)         394641017           C555,C556         VX C         CE04W25V-220M(VX)         393352217           C557,C558         VX C         CE04W25V-220M(VX)         393352217           C601,C602,C603         C-CERA C         CK725F1E-10421         332161040R1           C604,C605         C-CERA C         CK725F1E-10421         332161040R1           C608,C607         C-CERA C         CK725F1E-10421         332161040R1           C608,C610,C611         C-CERA C         CK725F1E-10421         332161040R1 <t>           C612,C613,C614         C-CERA C         CC725CH1H-102J1         342101024R1            C615,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1            C617,C613,C624         C-CERA C         CC725CH1H-102J1         342101024R1            C614,C621,C624         C-CERA C         CC725CH1H-102J1         342101024R1            C620         C-CERA C         CC725CH1H-</t>	, ,			-	
C442_C443_C444         TF C         ECQ-B50V-471J         374724714           C445_C446_C447         TF C         ECQ-B50V-471J         374724714           C552         VR C         CE04W16V-100M(VR)         394641017           C555_C556         VX C         CE04W25V-220M(VX)         393352217           C557_C558         VX C         CE04W25V-220M(VX)         393352217           C601_C602_C603         C-CERA C         CK725F1E-10421         332161040R1           C604_C605         C-CERA C         CK725F1E-10421         332161040R1           C606_C607         C-CERA C         CK725F1E-10421         332161040R1           C609_C610,C611         C-CERA C         CK725F1E-10421         332161040R1           C609_C610,C611         C-CERA C         CC725CH1H-102J1         342101024R1           C612_C613_C614         C-CERA C         CC725CH1H-102J1         342101024R1           C615_C616_C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4.7M(VR)         394680477           C618_C621_C624         C-CERA C         CK725F1E-10421         332161040R1           C620_C63665         C-CERA C         CC725CH1H-101J1         342101024R1           C620_C651	, ,			+	
C445,C446,C447         TF C         ECQ-B50V-471J         374724714           C552         VR C         CE04W16V-100M(VR)         394641017           C555,C556         VX C         CE04W25V-220M(VX)         393352217           C557,C558         VX C         CE04W25V-220M(VX)         393352217           C601,C602,C603         C-CERA C         CK725F1E-104Z1         332161040R1           C604,C605         C-CERA C         CK725F1E-104Z1         332161040R1           C608,C607         C-CERA C         CK725F1E-104Z1         332161040R1           C609,C610,C611         C-CERA C         CK725F1E-104Z1         332161040R1           C612,C613,C614         C-CERA C         CK725F1E-104Z1         332161040R1           C612,C613,C614         C-CERA C         CC725CH1H-102J1         342101024R1           C615,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4.7M(VR)         394680477           C618,C621,C624         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C-CERA C         CC725CH1H-102J1         342101024R1           C625,C626         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C	·				
C552         VR C         CE04W16V-100M(VR)         394641017           C555,C556         VX C         CE04W25V-220M(VX)         393352217           C557,C558         VX C         CE04W25V-220M(VX)         393352217           C601,C602,C603         C-CERA C         CK725F1E-10421         332161040R1           C604,C605         C-CERA C         CK725F1E-10421         332161040R1           C606,C607         C-CERA C         CK725F1E-10421         332161040R1           C609,C610,C611         C-CERA C         CK725F1E-10421         332161040R1           C609,C610,C611         C-CERA C         CC725CH1H-102J1         342101024R1           C612,C613,C614         C-CERA C         CC725CH1H-102J1         342101024R1           C615,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4,MV(R)         39486047           C618,C621,C624         C-CERA C         CK725F1E-10421         332161040R1           C625,C626         C-CERA C         CC725CH1H-102J1         342101024R1           C625,C626         C-CERA C         CC725CH1H-101J1         34210104R1           C625,C626         C-CERA C         CK725F1E-10421         332161040R1           C701,C717,C718 <td></td> <td></td> <td></td> <td></td> <td></td>					
C555,C556         VX C         CE04W25V-220M(VX)         393352217           C557,C558         VX C         CE04W25V-220M(VX)         393352217           C601,C602,C603         C-CERA C         CK725F1E-104Z1         332161040R1           C604,C605         C-CERA C         CK725F1E-104Z1         332161040R1           C606,C607         C-CERA C         CK725F1E-104Z1         332161040R1           C608         C-CERA C         CK725F1E-104Z1         332161040R1           C609,C610,C611         C-CERA C         CC725CH1H-102J1         342101024R1           C612,C613,C614         C-CERA C         CC725CH1H-102J1         342101024R1           C615,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4.7M(VR)         394880477           C618,C621,C624         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C-CERA C         CC725CH1H-102J1         342101024R1           C625,C626         C-CERA C         CC725CH1H-101J1         342101024R1           C650,C651         VX C         CE04W50V-10M(VX)         393381007           C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C705 <td< td=""><td></td><td>-</td><td></td><td></td><td></td></td<>		-			
C557,C558         VX C         CE04W25V-220M(VX)         393352217           C601,C602,C603         C-CERA C         CK725F1E-104Z1         332161040R1           C604,C605         C-CERA C         CK725F1E-104Z1         332161040R1           C606,C607         C-CERA C         CK725F1E-104Z1         332161040R1           C606,C607         C-CERA C         CK725F1E-104Z1         332161040R1           C609,C610,C611         C-CERA C         CC725CH1H-102J1         342101024R1           C612,C613,C614         C-CERA C         CC725CH1H-102J1         342101024R1           C615,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4,7M(VR)         394680477           C618,C621,C624         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C-CERA C         CC725CH1H-10JJ1         342101024R1           C625,C626         C-CERA C         CC725CH1H-10JJ1         34210104R1           C625,C626         C-CERA C         CC725CH1H-10JJ1         34210104R1           C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C702,C716,C720         VR C         CE04W50V-10M(VX)         3933810007           C705 <td></td> <td>+</td> <td>- ' '</td> <td></td> <td></td>		+	- ' '		
C601_C602_C603         C-CERA C         CK725F1E-104Z1         332161040R1           C604_C605         C-CERA C         CK725F1E-104Z1         332161040R1           C606_C607         C-CERA C         CK725F1E-104Z1         332161040R1           C608         C-CERA C         CK725F1E-104Z1         332161040R1           C609_C610_C611         C-CERA C         CK725F1E-104Z1         332161040R1           C612_C613_C614         C-CERA C         CC725CH1H-102J1         342101024R1           C615_C616_C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4.7M(VR)         394680477           C618_C621_C624         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C-CERA C         CC725CH1H-10JJ1         342101024R1           C620_C651         VX C         CC604W50V-10M(VX)         393381007           C701_C717_C718         C-CERA C         CK725F1E-104Z1         332161040R1           C702_C716_C720         VR C         CE04W50V-10M(VX)         394641017           C705         EDL C         DX-5R5L224         3000079           C709_C711_C713         C-CE	·		` '		
C604,C605         C-CERA C         CK725F1E-104Z1         332161040R1           C606,C607         C-CERA C         CK725F1E-104Z1         332161040R1           C608         C-CERA C         CK725F1E-104Z1         332161040R1           C609,C610,C611         C-CERA C         CC725CH1H-102J1         342101024R1           C612,C613,C614         C-CERA C         CC725CH1H-102J1         342101024R1           C615,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4.7M(VR)         394680477           C618,C624         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C-CERA C         CC725CH1H-102J1         342101024R1           C625,C626         C-CERA C         CC725CH1H-101J1         342101024R1           C650,C651         VX C         CE04W50V-10M(VX)         393881007           C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C705         EDL C         DX-5F8L224         3000079           C705,C716,C720         VR C         CE04W50V-10M(VR)         394641017           C705,C711,C713         C-CERA C         CK732B1C-474K         337994745R1           C710,C712,C714         VR C	,		` '	+	
C606,C607         C-CERA C         CK725F1E-104Z1         332161040R1           C608         C-CERA C         CK725F1E-104Z1         332161040R1 <t>           C609,C610,C611         C-CERA C         CC725CH1H-102J1         342101024R1            C612,C613,C614         C-CERA C         CC725CH1H-102J1         342101024R1            C615,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1            C617         VR C         CE04W50V-4.7M(VR)         394680477            C618,C624         C-CERA C         CK725F1E-104Z1         332161040R1            C620         C-CERA C         CC725CH1H-102J1         342101024R1            C625,C626         C-CERA C         CC725CH1H-101J1         34210104R1            C650,C651         VX C         CE04W50V-10M(VX)         393381007            C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1            C705         EDL C         DX-585L224         3000079            C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1            C710,C712,C714         VR C         CE04W50V-1M(VR)         <t< td=""><td></td><td></td><td></td><td></td><td></td></t<></t>					
C608         C-CERA C         CK725F1E-104Z1         332161040R1 <t>           C609,C610,C611         C-CERA C         CC725CH1H-102J1         342101024R1           C612,C613,C614         C-CERA C         CC725CH1H-102J1         342101024R1           C615,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4.7M(VR)         394680477           C618,C621,C624         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C-CERA C         CK725CH1H-102J1         342101024R1           C620         C-CERA C         CC725CH1H-10JJ1         342101024R1           C620,C651         VX C         CE04W50V-10M(VX)         393381007           C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C702,C716,C720         VR C         CE04W16V-100M(VR)         394641017           C705         EDL C         DX-5R5L224         3000079           C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C719,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         <t< td=""><td>•</td><td></td><td></td><td></td><td></td></t<></t>	•				
C609,C610,C611         C-CERA C         CC725CH1H-102J1         342101024R1           C612,C613,C614         C-CERA C         CC725CH1H-102J1         342101024R1           C615,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4.7M(VR)         394680477           C618,C621,C624         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C-CERA C         CC725CH1H-102J1         342101024R1           C620         C-CERA C         CC725CH1H-101J1         342101024R1           C625,C626         C-CERA C         CC725CH1H-101J1         342101014R1           C650,C651         VX C         CE04W50V-10M(VX)         393381007           C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C702,C716,C720         VR C         CE04W16V-100M(VR)         394641017           C705         EDL C         DX-5R5L224         3000079           C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C719         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C					
C612,C613,C614         C-CERA C         CC725CH1H-102J1         342101024R1           C615,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4.7M(VR)         394680477           C618,C621,C624         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C-CERA C         CC725CH1H-102J1         342101024R1           C625,C626         C-CERA C         CC725CH1H-101J1         34210104R1           C650,C651         VX C         CE04W50V-10M(VX)         39381007           C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C702,C716,C720         VR C         CE04W16V-100M(VR)         394641017           C705         EDL C         DX-5R5L224         3000079           C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C					<t></t>
C615,C616,C619         C-CERA C         CC725CH1H-102J1         342101024R1           C617         VR C         CE04W50V-4.7M(VR)         394680477           C618,C621,C624         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C-CERA C         CC725CH1H-102J1         342101024R1           C625,C626         C-CERA C         CC725CH1H-101J1         342101014R1           C650,C651         VX C         CE04W50V-10M(VX)         393381007           C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C702,C716,C720         VR C         CE04W16V-100M(VR)         394641017           C705         EDL C         DX-5R5L224         3000079           C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7630,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C				+	
C617         VR C         CE04W50V-4.7M(VR)         394680477           C618,C621,C624         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C-CERA C         CC725CH1H-102J1         342101024R1           C625,C626         C-CERA C         CC725CH1H-101J1         342101014R1           C650,C651         VX C         CE04W50V-10M(VX)         393381007           C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C702,C716,C720         VR C         CE04W16V-100M(VR)         394641017           C705         EDL C         DX-5R5L224         3000079           C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7630,C7632         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
C618,C621,C624         C-CERA C         CK725F1E-104Z1         332161040R1           C620         C-CERA C         CC725CH1H-102J1         342101024R1           C625,C626         C-CERA C         CC725CH1H-101J1         342101014R1           C650,C651         VX C         CE04W50V-10M(VX)         393381007           C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C702,C716,C720         VR C         CE04W16V-100M(VR)         394641017           C705         EDL C         DX-5R5L224         3000079           C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CCK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7637,C7632         C-CERA C         CK725B1	C615,C616,C619	C-CERA C	CC725CH1H-102J1	342101024R1	
C620         C-CERA C         CC725CH1H-102J1         342101024R1           C625,C626         C-CERA C         CC725CH1H-101J1         342101014R1           C650,C651         VX C         CE04W50V-10M(VX)         393381007           C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C702,C716,C720         VR C         CE04W16V-100M(VR)         394641017           C705         EDL C         DX-5R5L224         3000079           C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R <td< td=""><td></td><td></td><td>CE04W50V-4.7M(VR)</td><td>394680477</td><td></td></td<>			CE04W50V-4.7M(VR)	394680477	
C625,C626         C-CERA C         CC725CH1H-101J1         342101014R1           C650,C651         VX C         CE04W50V-10M(VX)         393381007           C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C702,C716,C720         VR C         CE04W16V-100M(VR)         394641017           C705         EDL C         DX-5R5L224         3000079           C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-100JE         435031034R1           R107,R108,R109         C-CAR	C618,C621,C624	C-CERA C	CK725F1E-104Z1	332161040R1	
C650,C651         VX C         CE04W50V-10M(VX)         393381007           C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C702,C716,C720         VR C         CE04W16V-100M(VR)         394641017           C705         EDL C         DX-5R5L224         3000079           C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-100JE         435031034R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1	C620		CC725CH1H-102J1	342101024R1	
C701,C717,C718         C-CERA C         CK725F1E-104Z1         332161040R1           C702,C716,C720         VR C         CE04W16V-100M(VR)         394641017           C705         EDL C         DX-5R5L224         3000079           C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C         CC725CH1H-471J1         342104714R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435031034R1	C625,C626	C-CERA C	CC725CH1H-101J1	342101014R1	
C702,C716,C720         VR C         CE04W16V-100M(VR)         394641017           C705         EDL C         DX-5R5L224         3000079           C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C         CC725CH1H-471J1         342104714R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435031034R1	C650,C651	VX C	CE04W50V-10M(VX)	393381007	
C705         EDL C         DX-5R5L224         3000079           C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C         CC725CH1H-471J1         342104714R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435031034R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1	C701,C717,C718	C-CERA C	CK725F1E-104Z1	332161040R1	
C709,C711,C713         C-CERA C         CK732B1C-474K         337394745R1           C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C         CC725CH1H-471J1         342104714R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435031034R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1	C702,C716,C720	VR C	CE04W16V-100M(VR)	394641017	
C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C         CC725CH1H-471J1         342104714R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435031034R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1	C705	EDL C	DX-5R5L224	3000079	
C710,C712,C714         VR C         CE04W50V-1M(VR)         394680107           C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C         CC725CH1H-471J1         342104714R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435031034R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1	C709,C711,C713	C-CERA C	CK732B1C-474K	337394745R1	
C715         C-CERA C         CK732B1C-474K         337394745R1           C719         C-CERA C         CK725F1E-104Z1         332161040R1           C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C         CC725CH1H-471J1         342104714R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435032244R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1	C710,C712,C714	VR C		394680107	
C719         C-CERA C         CK725F1E-104Z1         332161040R1           C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C         CC725CH1H-471J1         342104714R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435032244R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1			` '		
C723,C7642         C-CERA C         CK725F1E-104Z1         332161040R1           C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C         CC725CH1H-471J1         342104714R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435032244R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1	C719				
C724,C7641         VR C         CE04W16V-100M(VR)         394641017           C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C         CC725CH1H-471J1         342104714R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435032244R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1					
C7600,C7633,C7634         C-CERA C         CK725B1H-102K1         332101025R1           C7631,C7632         C-CERA C         CC725CH1H-471J1         342104714R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435032244R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1	C723,C7642	C-CERA C	OK7231 1L-10421	1	
C7631,C7632         C-CERA C         CC725CH1H-471J1         342104714R1           C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435032244R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1	·			394641017	
C7637         C-CERA C         CK725B1H-102K1         332101025R1           R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435032244R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1	C724,C7641	VR C	CE04W16V-100M(VR)		
R101,R102         C-CARBON R         RN72K1J-750JE         435037504R1           R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435032244R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1	C724,C7641 C7600,C7633,C7634	VR C C-CERA C	CE04W16V-100M(VR) CK725B1H-102K1	332101025R1	
R103,R104         C-CARBON R         RN72K1J-100JE         435031004R1           R105,R106,R110         C-CARBON R         RN72K1J-224JE         435032244R1           R107,R108,R109         C-CARBON R         RN72K1J-103JE         435031034R1	C724,C7641 C7600,C7633,C7634 C7631,C7632	VR C C-CERA C C-CERA C	CE04W16V-100M(VR) CK725B1H-102K1 CC725CH1H-471J1	332101025R1 342104714R1	
R105,R106,R110	C724,C7641 C7600,C7633,C7634 C7631,C7632 C7637	VR C C-CERA C C-CERA C C-CERA C	CE04W16V-100M(VR) CK725B1H-102K1 CC725CH1H-471J1 CK725B1H-102K1	332101025R1 342104714R1 332101025R1	
R107,R108,R109 C-CARBON R RN72K1J-103JE 435031034R1	C724,C7641 C7600,C7633,C7634 C7631,C7632 C7637 R101,R102	VR C C-CERA C C-CERA C C-CERA C C-CERA C C-CARBON R	CE04W16V-100M(VR) CK725B1H-102K1 CC725CH1H-471J1 CK725B1H-102K1 RN72K1J-750JE	332101025R1 342104714R1 332101025R1 435037504R1	
	C724,C7641 C7600,C7633,C7634 C7631,C7632 C7637 R101,R102 R103,R104	VR C C-CERA C C-CERA C C-CERA C C-CERA C C-CARBON R C-CARBON R	CE04W16V-100M(VR) CK725B1H-102K1 CC725CH1H-471J1 CK725B1H-102K1 RN72K1J-750JE RN72K1J-100JE	332101025R1 342104714R1 332101025R1 435037504R1 435031004R1	
NTTT, NTTZ, NTT3 U-CARDON K   NN/ZNTJ-22TJE   433U32ZT4KT	C724,C7641 C7600,C7633,C7634 C7631,C7632 C7637 R101,R102 R103,R104 R105,R106,R110	VR C C-CERA C C-CERA C C-CERA C C-CARBON R C-CARBON R C-CARBON R	CE04W16V-100M(VR) CK725B1H-102K1 CC725CH1H-471J1 CK725B1H-102K1 RN72K1J-750JE RN72K1J-100JE RN72K1J-224JE	332101025R1 342104714R1 332101025R1 435037504R1 435031004R1 435032244R1	
R114,R115 C-CARBON R RN72K1J-221JE 435032214R1	C724,C7641 C7600,C7633,C7634 C7631,C7632 C7637 R101,R102 R103,R104 R105,R106,R110 R107,R108,R109	VR C C-CERA C C-CERA C C-CERA C C-CARBON R C-CARBON R C-CARBON R C-CARBON R	CE04W16V-100M(VR) CK725B1H-102K1 CC725CH1H-471J1 CK725B1H-102K1 RN72K1J-750JE RN72K1J-100JE RN72K1J-224JE RN72K1J-103JE	332101025R1 342104714R1 332101025R1 435037504R1 435031004R1 435032244R1 435031034R1	

R131,R017 C.CARBON R R. RN72KL1-105JE 45503105ART R133 C.CARBON R RN72KL1-100JE 45503000ART R135 C.CARBON R RN72KL1-100JE 4550300ART R141 R142 R144 C.CARBON R RN72KL1-1470JE 4550300ART R141 R142 R144 C.CARBON R RN72KL1-1470JE 435034704RT R145 R147 R149 C.CARBON R RN72KL1-1470JE 435034704RT R151 R151 R151 R151 R151 R151 R151 R1		1	1	
R133	R125,R143,R146	C-CARBON R	RN72K1J-331JE	435033314R1
R135	R131,R617	C-CARBON R	RN72K1J-105JE	435031054R1
R141 R142,R144 — C-CARBON R RYZKI-J-470JE 459034704R1 R145,R147 R148 C-CARBON R RYZKI-J-470JE 459034704R1 R1 R150 R150 C-CARBON R RYZKI-J-100JE 459030004R1 R167,R170 C-CARBON R RYZKI-J-100JE 459030004R1 R167,R170 C-CARBON R RYZKI-J-331JE 439033314R1 R1 R167,R170 C-CARBON R RYZKI-J-331JE 439033314R1 R1 R167,R170 C-CARBON R RYZKI-J-370JE 439033314R1 R1 R171,R172,R175 C-CARBON R RYZKI-J-370JE 439033704R1 R1 R171,R172,R175 C-CARBON R RYZKI-J-470JE 439034704R1 R18193 METAL R RULIWICJ-4-7 459630474 R1 R1919 METAL R RULIWICJ-4-7 459630474 R1 R1919 METAL R RULIWICJ-4-7 459630474 R1 R201,R202,R203 C-CARBON R RYZKI-J-373JE 43903334R1 R1 R201,R202,R203 C-CARBON R RYZKI-J-333JE 439033348R1 R1 R201,R202,R203 C-CARBON R RYZKI-J-333JE 439033348R1 R1 R201,R202,R203 C-CARBON R RYZKI-J-103JE 439031034R1 R205,R209,R210 C-CARBON R RYZKI-J-103JE 439031034R1 R205,R209,R210 C-CARBON R RYZKI-J-103JE 439031034R1 R205,R209,R210 C-CARBON R RYZKI-J-103JE 439031034R1 R218,R218,R216,R220 C-CARBON R RYZKI-J-103JE 439031034R1 R218,R218,R216,R220 C-CARBON R RYZKI-J-103JE 439031034R1 R218,R218,R224 C-CCARBON R RYZKI-J-103JE 439031034R1 R219,R221,R222,R220 C-CARBON R RYZKI-J-103JE 439031034R1 R219,R221,R222,R220 C-CARBON R RYZKI-J-103JE 439031034R1 R222,R223,R276 C-CARBON R RYZKI-J-103JE 439031034R1 R222,R223,R226 C-CARBON R RYZKI-J-103JE 439031034R1 R224,R224,R224 C-CARBON R RYZKI-J-103JE 439031034R1 R225,R238,R238 C-CARBON R RYZKI-J-103JE 439031034R1 R225,R238,R238 C-CARBON R RYZKI-J-103JE 439031034R1 R225,R238,R238 C-CARBON R RYZKI-J-103JE 439034704R1 R225,R236,R236 C-CARBON R RYZKI-J-103JE 439034704R1 R236,R237,R238,R238 C-CARBON R RYZKI-J-103JE 439034704R1 R236,R237,R238,R238 C-CARBO	R133	C-CARBON R	RN72K1J-681JE	435036814R1
R145,R147,R148	R135	C-CARBON R	RN72K1J-000JE	435030004R1
R150	R141,R142,R144	C-CARBON R	RN72K1J-470JE	435034704R1
RIGH RIG 2,R164 C.CARBON R RYZKI-J470JE 435034704R1 RIGB RIGS RIG 5,R165 C.CARBON R RYZKI-J331JE 45033314R1 RIGB RITO C.CARBON R RYZKI-J331JE 45033314R1 RIGB RITO C.CARBON R RYZKI-J331JE 45003314R1 RIGB RITO C.CARBON R RYZKI-J331JE 45003314R1 RIGB RITO C.CARBON R RYZKI-J470JE 430034704R1 RIGB RITO C.CARBON R RYZKI-J470JE 45003324R1 RIGB RITO C.CARBON R RYZKI-J433JE 45003324R1 RIGB RITO C.CARBON R RYZKI-J433JE 43003324R1 RIGB RITO C.CARBON R RYZKI-J470JE 43003324R1 RIGB RITO C.CARBON R RYZKI-J470JE 43003324R1 RIGB RITO C.CARBON R RYZKI-J470JE 430034704R1 RIGB RITO C.CARBON R RYZKI-J470JE 430034704R1 RIGB RITO C.CARBON R RYZKI-J470JE 430034704R1 RIGB RITO C.CARBON R RYZKI-J470JE 43003324R1 RIGB RITO C.CARBON R RYZKI-J470JE 430031034R1 RIGB RITO RITO RITO RITO RITO RITO RITO RITO	R145,R147,R148	C-CARBON R	RN72K1J-470JE	435034704R1
RH03.R166,R166 C.CARBON R RYZKI-J33JE 43503314R1 R167 R170 C.CARBON R RYZKI-J33JE 43503314R1 R168.R169 C.CARBON R RYZKI-J33JE 43503314R1 R1 R171.R172.R175 C.CARBON R RYZKI-J3470JE 435034704R1 R171.R172.R175 C.CARBON R RYZKI-J3470JE 435034704R1 R171.R172.R175 METAR RWING-J4-7 455830474 R1 R201.R202.R203 C.CARBON R RYZKI-J33JE 43503334R1 R1 R204.R202.R203 C.CARBON R RYZKI-J33JE 43503334R1 R1 R204.R206 C.CARBON R RYZKI-J33JE 43503334R1 R1 R204.R206.R208.R208.R218.R218.R218.R218.R218.R218.R218.R21	R150	C-CARBON R	RN72K1J-000JE	435030004R1
R16F R170	R161,R162,R164	C-CARBON R	RN72K1J-470JE	435034704R1
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R171,R172,R175 C-CARBON R R193 METAL R RNU1WCJ-47 A59830474 R201,R202,R203 C-CARBON R RN72K1J-332JE A55033324R1 R204,R206 C-CARBON R RN72K1J-332JE A55033324R1 R35033334R1 R3505,R206,R210 C-CARBON R RN72K1J-332JE A55033334R1 R35033334R1 R3503,R321R1 R3503,R321R1 R35033324R1 R35033334R1 R3503,R321R1 R3503,R331R1 R3503	R167,R170	C-CARBON R	RN72K1J-331JE	435033314R1
R193 METAL R RNUTWCJ-4-7 R201-R202-R203 C-CARBON R RN72K1J-332JE 435033324R1 R204-R206 C-CARBON R RN72K1J-332JE 435033324R1 R205-R209-R210 C-CARBON R RN72K1J-333JE 435033314R1 R205-R209-R210 C-CARBON R RN72K1J-333JE 435033314R1 R205-R209-R211-R212 C-CARBON R RN72K1J-310JE 435033104R1 R208-R211-R212 C-CARBON R RN72K1J-332JE 435033324R1 R213-R212-R218 C-CARBON R RN72K1J-332JE 435033324R1 R215-R216-R220 C-CARBON R RN72K1J-332JE 435033324R1 R215-R216-R220 C-CARBON R RN72K1J-303JE 435033324R1 R219-R221-R224 C-CARBON R RN72K1J-303JE 435033324R1 R222-R228-R226 C-CARBON R RN72K1J-103JE 435031034R1 R222-R228-R226 C-CARBON R RN72K1J-103JE 435031034R1 R225-R228-R229 C-CARBON R RN72K1J-103JE 435031034R1 R225-R228-R229 R200 C-CARBON R RN72K1J-103JE 435031034R1 R225-R228-R229 C-CARBON R RN72K1J-103JE 435031034R1 R231-R232-R240 C-CARBON R RN72K1J-103JE 435031034R1 R237-R238-R239 C-CARBON R RN72K1J-103JE 435031034R1 R237-R238-R239 C-CARBON R RN72K1J-470JE 435034704R1 R237-R238-R239 C-CARBON R RN72K1J-470JE 435034704R1 R241-R242-R245 C-CARBON R RN72K1J-470JE 435034704R1 R241-R242-R245 C-CARBON R RN72K1J-470JE 435034704R1 R246-R246-R255 C-CARBON R RN72K1J-470JE 435034704R1 R256-R257-R259-R250 C-CARBON R RN72K1J-470JE 43503434R1 R356-R357-R351-R341-C-CARBON R RN72K1J-470JE 43503334R1 R356-R351-R361-R361-R361-R361-R3	R168,R169	C-CARBON R	RN72K1J-470JE	435034704R1
R201 R202 R203	R171,R172,R175	C-CARBON R	RN72K1J-470JE	435034704R1
R204 R206 C-CARBON R RN72KI J-331 JE 43503314R1 R205 R209 R210 C-CARBON R RN72KI J-103JE 435031034R1 R207 R214 R203 C-CARBON R RN72KI J-103JE 435031034R1 R207 R214 R2212 C-CARBON R RN72KI J-103JE 435031034R1 R208 R211 R212 C-CARBON R RN72KI J-323JE 43503324R1 R213 R216 R220 C-CARBON R RN72KI J-103JE 43503324R1 R215 R216 R220 C-CARBON R RN72KI J-103JE 43503324R1 R215 R216 R220 C-CARBON R RN72KI J-103JE 43503324R1 R219 R221 R224 C-CARBON R RN72KI J-103JE 435031034R1 R222 R223 R226 C-CARBON R RN72KI J-103JE 435031034R1 R222 R223 R226 C-CARBON R RN72KI J-103JE 435031034R1 R222 R225 R226 C-CARBON R RN72KI J-103JE 435031034R1 R228 R228 R226 C-CARBON R RN72KI J-103JE 435031034R1 R228 R234 R236 R236 C-CARBON R RN72KI J-103JE 435031034R1 R228 R234 R236 C-CARBON R RN72KI J-103JE 435031034R1 R228 R234 R236 C-CARBON R RN72KI J-103JE 435031034R1 R234 R232 R244 R247 C-CARBON R RN72KI J-103JE 435031034R1 R234 R242 R245 C-CARBON R RN72KI J-103JE 435031034R1 R243 R244 R247 C-CARBON R RN72KI J-103JE 435031034R1 R244 R242 R245 C-CARBON R RN72KI J-103JE 435031034R1 R244 R242 R245 C-CARBON R RN72KI J-103JE 435031034R1 R246 R246 R256 C-CARBON R RN72KI J-103JE 435031034R1 R246 R248 R256 C-CARBON R RN72KI J-103JE 435031034R1 R246 R256 R257 R261 C-CARBON R RN72KI J-103JE 435031034R1 R246 R258 R259 R250 C-CARBON R RN72KI J-103JE 435031034R1 R246 R257 R258 R259 C-CARBON R RN72KI J-103JE 435031034R1 R256 R257 R261 C-CARBON R RN72KI J-103JE 43503134R1 R256 R257 R261 C-CARBON R RN72KI J-103JE 43503134R1 R256 R257 R261 C-CARBON R RN72KI J-103JE 43503134R1 R256 R257 R250 C-CARBON R RN72KI J-103JE 43503134R1 R256 R257 R250 C-CARBON R RN72KI J-103JE 43503134R1 R256 R257 R258 R258 R258 R258 R258 R258 R258 R258	R193	METAL R	RNU1WCJ-4.7	453630474
R205.R209.R210 C-CARBON R RN72K1J-470JE A35034704R1 R209.R211,R212 C-CARBON R RN72K1J-470JE A35034704R1 R209.R211,R212 C-CARBON R RN72K1J-333JE A3503304R1 R213.R217,R218 C-CARBON R RN72K1J-333JE A35031034R1 R219.R221,R224 C-CARBON R RN72K1J-333JE A35031034R1 R219.R221,R224 C-CARBON R RN72K1J-103JE R219.R221,R224 C-CARBON R RN72K1J-103JE R229.R239,R230 C-CARBON R RN72K1J-103JE R229.R239,R230 C-CARBON R RN72K1J-103JE R229.R230 C-CARBON R RN72K1J-103JE R239.R239.R230 C-CARBON R RN72K1J-103JE R239.R239.R230 C-CARBON R RN72K1J-103JE R35031034R1 R224.R242,R245 C-CARBON R RN72K1J-470JE R35034704R1 R224.R242,R245 C-CARBON R RN72K1J-470JE R35034704R1 R241.R242,R245 C-CARBON R RN72K1J-103JE R35031034R1 R241.R242,R245 C-CARBON R RN72K1J-103JE R35031034R1 R241.R242,R245 C-CARBON R RN72K1J-103JE R35031034R1 R241.R242,R246 C-CARBON R RN72K1J-103JE R35031034R1 R249.R246,R247 C-CARBON R RN72K1J-103JE R35031034R1 R249.R256,R255 C-CARBON R RN72K1J-103JE R35031034R1 R249.R256,R251 C-CARBON R RN72K1J-103JE R35031034R1 R249.R256,R251 C-CARBON R RN72K1J-470JE R35034704R1	R201,R202,R203	C-CARBON R	RN72K1J-332JE	435033324R1
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R269,R270,R271	R258,R259,R260	C-CARBON R	RN72K1J-470JE	435034704R1
R264,R371,R732	R262,R266,R267	C-CARBON R	RN72K1J-103JE	435031034R1
R265,R268,R269	R263,R270,R271	C-CARBON R	RN72K1J-331JE	435033314R1
R272,R304,R305	R264,R371,R732	C-CARBON R	RN72K1J-272JE	435032724R1
R273,R274,R275	R265,R268,R269	C-CARBON R	RN72K1J-470JE	435034704R1
R277 C-CARBON R RN72K1J-221JE 435032214R1 R278,R301,R306 C-CARBON R RN72K1J-331JE 435033314R1 R281 C-CARBON R RN72K1J-000JE 435030004R1 R285,R331,R341 C-CARBON R RN72K1J-00JE 435030004R1 R285,R331,R341 C-CARBON R RN72K1J-104JE 435031044R1 R291,R292,R293 C-CARBON R RN72K1J-104JE 435031044R1 R294,R295,R296 C-CARBON R RN72K1J-104JE 435031044R1 R302,R307,R312 C-CARBON R RN72K1J-104JE 435031044R1 R303,R308,R313 C-CARBON R RN72K1J-152JE 435031224R1 R303,R308,R313 C-CARBON R RN72K1J-152JE 435031524R1 R309,R310,R314 C-CARBON R RN72K1J-103JE 435031034R1 R311,R316,R321 C-CARBON R RN72K1J-331JE 435033314R1 R311,R316,R321 C-CARBON R RN72K1J-331JE 435031034R1 R317,R322,R327 C-CARBON R RN72K1J-103JE 435031034R1 R317,R322,R327 C-CARBON R RN72K1J-152JE 435031224R1 R324,R325,R328 C-CARBON R RN72K1J-152JE 435031524R1 R324,R325,R329 C-CARBON R RN72K1J-103JE 435031034R1 R326,R332,R334 C-CARBON R RN72K1J-331JE 435031034R1 R330,R333,R343 C-CARBON R RN72K1J-331JE 435033314R1 R330,R333,R343 C-CARBON R RN72K1J-331JE 435031334R1 R330,R333,R343 C-CARBON R RN72K1J-331JE 4350313314R1 R330,R333,R343 C-CARBON R RN72K1J-331JE 435033314R1 R336,R337,R342 C-CARBON R RN72K1J-331JE 435033314R1 R336,R336,R347 C-CARBON R RN72K1J-331JE 435033314R1 R344,R345,R347 C-CARBON R RN72K1J-331JE 435033314R1 R351,R361,R362 C-CARBON R RN72K1J-331JE 435033314R1 R352,R354,R355 C-CARBON R RN72K1J-331JE 435033314R1 R351,R361,R362 C-CARBON R RN72K1J-331JE 435033314R1 R352,R354,R355 C-CARBON R RN72K1J-331JE 435033314R1 R353,R420,R421 C-CARBON R RN72K1J-331JE 435033314R1 R353,R420,R421 C-CARBON R RN72K1J-331JE 435033314R1 R356,R364,R365 C-CARBON R RN72K1J-331JE 435033314R1 R356,R364,R365 C-CARBON R RN72K1J-221JE 435032214R1 R366,R367,R368 C-CARBON R RN72K1J-221JE 435032214R1	R272,R304,R305	C-CARBON R	RN72K1J-103JE	435031034R1
R278,R301,R306	R273,R274,R275	C-CARBON R	RN72K1J-331JE	435033314R1
R281	R277	C-CARBON R	RN72K1J-221JE	435032214R1
R285,R331,R341	R278,R301,R306	C-CARBON R	RN72K1J-331JE	435033314R1
R291,R292,R293         C-CARBON R         RN72K1J-104JE         435031044R1           R294,R295,R296         C-CARBON R         RN72K1J-104JE         435031044R1           R302,R307,R312         C-CARBON R         RN72K1J-122JE         435031224R1           R303,R308,R313         C-CARBON R         RN72K1J-152JE         435031524R1           R309,R310,R314         C-CARBON R         RN72K1J-103JE         435031034R1           R311,R316,R321         C-CARBON R         RN72K1J-331JE         435031034R1           R315,R319,R320         C-CARBON R         RN72K1J-103JE         435031024R1           R317,R322,R327         C-CARBON R         RN72K1J-122JE         4350311524R1           R318,R323,R328         C-CARBON R         RN72K1J-152JE         4350311524R1           R324,R325,R329         C-CARBON R         RN72K1J-30JE         43503134R1           R330,R333,R334         C-CARBON R         RN72K1J-331JE         435033314R1           R335,R337,R342         C-CARBON R         RN72K1J-331JE         435033314R1           R344,R345,R347         C-CARBON R         RN72K1J-331JE         435033314R1           R351,R361,R362         C-CARBON R         RN72K1J-331JE         435033314R1           R352,R354,R355         C-CARBON R         RN72K1J-331JE <td>R281</td> <td>C-CARBON R</td> <td>RN72K1J-000JE</td> <td>435030004R1</td>	R281	C-CARBON R	RN72K1J-000JE	435030004R1
R294,R295,R296	R285,R331,R341	C-CARBON R	RN72K1J-470JE	435034704R1
R302,R307,R312	R291,R292,R293	C-CARBON R	RN72K1J-104JE	435031044R1
R303,R308,R313	R294,R295,R296	C-CARBON R	RN72K1J-104JE	435031044R1
R303,R308,R313	R302,R307,R312		RN72K1J-122JE	
R309,R310,R314	R303,R308,R313	+		
R311,R316,R321	R309,R310,R314	+		
R315,R319,R320	R311,R316,R321	_		
R317,R322,R327				
R318,R323,R328				
R324,R325,R329         C-CARBON R         RN72K1J-103JE         435031034R1           R326,R332,R334         C-CARBON R         RN72K1J-331JE         435033314R1           R330,R333,R343         C-CARBON R         RN72K1J-103JE         435031034R1           R335,R337,R342         C-CARBON R         RN72K1J-331JE         435033314R1           R344,R345,R347         C-CARBON R         RN72K1J-331JE         435033314R1           R351,R361,R362         C-CARBON R         RN72K1J-470JE         435034704R1           R352,R354,R355         C-CARBON R         RN72K1J-331JE         435033314R1           R353,R420,R421         C-CARBON R         RN72K1J-103JE         435031034R1           R357,R372,R373         C-CARBON R         RN72K1J-331JE         435033314R1           R363,R364,R365         C-CARBON R         RN72K1J-221JE         435032214R1           R366,R367,R368         C-CARBON R         RN72K1J-221JE         435032214R1				
R326,R332,R334         C-CARBON R         RN72K1J-331JE         435033314R1           R330,R333,R343         C-CARBON R         RN72K1J-103JE         435031034R1           R335,R337,R342         C-CARBON R         RN72K1J-331JE         435033314R1           R344,R345,R347         C-CARBON R         RN72K1J-331JE         435033314R1           R351,R361,R362         C-CARBON R         RN72K1J-470JE         435034704R1           R352,R354,R355         C-CARBON R         RN72K1J-331JE         435033314R1           R353,R420,R421         C-CARBON R         RN72K1J-103JE         435031034R1           R357,R372,R373         C-CARBON R         RN72K1J-331JE         435033314R1           R363,R364,R365         C-CARBON R         RN72K1J-221JE         435032214R1           R366,R367,R368         C-CARBON R         RN72K1J-221JE         435032214R1				
R330,R333,R343         C-CARBON R         RN72K1J-103JE         435031034R1           R335,R337,R342         C-CARBON R         RN72K1J-331JE         435033314R1           R344,R345,R347         C-CARBON R         RN72K1J-331JE         435033314R1           R351,R361,R362         C-CARBON R         RN72K1J-470JE         435034704R1           R352,R354,R355         C-CARBON R         RN72K1J-331JE         435033314R1           R353,R420,R421         C-CARBON R         RN72K1J-103JE         435031034R1           R357,R372,R373         C-CARBON R         RN72K1J-331JE         435033314R1           R363,R364,R365         C-CARBON R         RN72K1J-221JE         435032214R1           R366,R367,R368         C-CARBON R         RN72K1J-221JE         435032214R1				
R335,R337,R342         C-CARBON R         RN72K1J-331JE         435033314R1           R344,R345,R347         C-CARBON R         RN72K1J-331JE         435033314R1           R351,R361,R362         C-CARBON R         RN72K1J-470JE         435034704R1           R352,R354,R355         C-CARBON R         RN72K1J-331JE         435033314R1           R353,R420,R421         C-CARBON R         RN72K1J-103JE         435031034R1           R357,R372,R373         C-CARBON R         RN72K1J-331JE         435033314R1           R363,R364,R365         C-CARBON R         RN72K1J-221JE         435032214R1           R366,R367,R368         C-CARBON R         RN72K1J-221JE         435032214R1				
R344,R345,R347				
R351,R361,R362         C-CARBON R         RN72K1J-470JE         435034704R1           R352,R354,R355         C-CARBON R         RN72K1J-331JE         435033314R1           R353,R420,R421         C-CARBON R         RN72K1J-103JE         435031034R1           R357,R372,R373         C-CARBON R         RN72K1J-331JE         435033314R1           R363,R364,R365         C-CARBON R         RN72K1J-221JE         435032214R1           R366,R367,R368         C-CARBON R         RN72K1J-221JE         435032214R1				
R352,R354,R355         C-CARBON R         RN72K1J-331JE         435033314R1           R353,R420,R421         C-CARBON R         RN72K1J-103JE         435031034R1           R357,R372,R373         C-CARBON R         RN72K1J-331JE         435033314R1           R363,R364,R365         C-CARBON R         RN72K1J-221JE         435032214R1           R366,R367,R368         C-CARBON R         RN72K1J-221JE         435032214R1				
R353,R420,R421         C-CARBON R         RN72K1J-103JE         435031034R1           R357,R372,R373         C-CARBON R         RN72K1J-331JE         435033314R1           R363,R364,R365         C-CARBON R         RN72K1J-221JE         435032214R1           R366,R367,R368         C-CARBON R         RN72K1J-221JE         435032214R1				
R357,R372,R373         C-CARBON R         RN72K1J-331JE         435033314R1           R363,R364,R365         C-CARBON R         RN72K1J-221JE         435032214R1           R366,R367,R368         C-CARBON R         RN72K1J-221JE         435032214R1				
R363,R364,R365 C-CARBON R RN72K1J-221JE 435032214R1 R366,R367,R368 C-CARBON R RN72K1J-221JE 435032214R1				
R366,R367,R368 C-CARBON R RN72K1J-221JE 435032214R1				
R374,R375,R376   C-CARBON R   RN72K1J-331JE   435033314R1		+		
	R374,R375,R376	C-CARBON R	RN72K1J-331JE	435033314R1

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R377,R378	C-CARBON R	RN72K1J-331JE	435033314R1	
R379,R380	C-CARBON R	RN72K1J-331JE	435033314R1	
R381,R382,R383	C-CARBON R	RN72K1J-470JE	435034704R1	
R384,R385,R386	C-CARBON R	RN72K1J-470JE	435034704R1	
R387,R765,R783	C-CARBON R	RN72K1J-470JE	435034704R1	
R391,R392	C-CARBON R	RN72K1J-560JE	435035604R1	
R393,R394	C-CARBON R	RN72K1J-560JE	435035604R1	
R395,R396	C-CARBON R	RN72K1J-392JE	435033924R1	
R400,R401,R402	C-CARBON R	RN72K1J-332JE	435033324R1	
R403,R404,R405	C-CARBON R	RN72K1J-332JE	435033324R1	
R406,R407,R410	C-CARBON R	RN72K1J-332JE	435033324R1	
R411,R412,R413	C-CARBON R	RN72K1J-332JE	435033324R1	
R414,R415,R416	C-CARBON R	RN72K1J-332JE	435033324R1	
R417,R447,R457	C-CARBON R	RN72K1J-332JE	435033324R1	
R422,R423,R424	C-CARBON R	RN72K1J-103JE	435031034R1	
R425,R426,R427	C-CARBON R	RN72K1J-103JE	435031034R1	
R430,R431,R432	C-CARBON R	RN72K1J-103JE	435031034R1	
R433.R434.R435	C-CARBON R	RN72K1J-103JE	435031034R1	
R436,R437,R460	C-CARBON R	RN72K1J-103JE	435031034R1	
R440,R441,R442	C-CARBON R	RN72K1J-181JE	435031814R1	
R443,R444,R445	C-CARBON R	RN72K1J-181JE	435031814R1	
R446.R450.R451	C-CARBON R	RN72K1J-181JE	435031814R1	
R452,R453,R454	C-CARBON R	RN72K1J-181JE RN72K1J-181JE	435031814R1	
	+		+	
R455,R456	C-CARBON R	RN72K1J-181JE	435031814R1	
R461,R462,R463	C-CARBON R	RN72K1J-103JE	435031034R1	
R464,R465,R466	C-CARBON R	RN72K1J-103JE	435031034R1	
R467,R470,R471	C-CARBON R	RN72K1J-103JE	435031034R1	
R472,R473,R474	C-CARBON R	RN72K1J-103JE	435031034R1	
R475,R476,R477	C-CARBON R	RN72K1J-103JE	435031034R1	
R480,R481,R482	C-CARBON R	RN72K1J-152JE	435031524R1	
R483,R484,R485	C-CARBON R	RN72K1J-152JE	435031524R1	
R486,R487,R530	C-CARBON R	RN72K1J-152JE	435031524R1	
R490,R491,R492	C-CARBON R	RN72K1J-223JE	435032234R1	
R493,R494,R495	C-CARBON R	RN72K1J-223JE	435032234R1	
R496,R497,R500	C-CARBON R	RN72K1J-223JE	435032234R1	
R501,R502,R503	C-CARBON R	RN72K1J-223JE	435032234R1	
R504,R505,R506	C-CARBON R	RN72K1J-223JE	435032234R1	
R507,R510,R511	C-CARBON R	RN72K1J-223JE	435032234R1	
R512,R513,R514	C-CARBON R	RN72K1J-223JE	435032234R1	
R515,R516,R517	C-CARBON R	RN72K1J-223JE	435032234R1	
R520,R521,R522	C-CARBON R	RN72K1J-223JE	435032234R1	
R523,R524,R525	C-CARBON R	RN72K1J-223JE	435032234R1	
R526,R527	C-CARBON R	RN72K1J-223JE	435032234R1	
R531,R532,R533	C-CARBON R	RN72K1J-152JE	435031524R1	
R534.R535.R536	C-CARBON R	RN72K1J-152JE	435031524R1	
R537,R540,R541	C-CARBON R	RN72K1J-152JE	435031524R1	
R542,R543,R544	C-CARBON R	RN72K1J-152JE	435031524R1	
R545,R546,R547	C-CARBON R	RN72K1J-152JE	435031524R1	
R551,R791	METAL R	RNU1/2WCJ-0.47	453534794	
R555,R556	METAL O R	RS1/2WBJ-22	443522204	
R557,R558	METAL O R	RS1/2WBJ-22	443522204	
R570,R571,R572	C-CARBON R	RN72K1J-681JE	435036814R1	
			<del> </del>	
R573,R574,R575	C-CARBON R	RN72K1J-681JE	435036814R1	
R576,R577,R580	C-CARBON R	RN72K1J-681JE	435036814R1	
R581,R582,R583	C-CARBON R	RN72K1J-681JE	435036814R1	
R584,R585,R586	C-CARBON R	RN72K1J-681JE	435036814R1	
R587	C-CARBON R	RN72K1J-681JE	435036814R1	
R602,R603,R604	C-CARBON R	RN72K1J-221JE	435032214R1	
R605,R606	C-CARBON R	RN72K1J-221JE	435032214R1	<d></d>
R607	C-CARBON R	RN72K1J-221JE	435032214R1	
R608,R609	C-CARBON R	RN72K1J-221JE	435032214R1	<d></d>
R610,R612,R613	C-CARBON R	RN72K1J-221JE	435032214R1	
R611,R614,R629	C-CARBON R	RN72K1J-103JE	435031034R1	
R615,R616,R618	C-CARBON R	RN72K1J-221JE	435032214R1	
R619,R620,R621	C-CARBON R	RN72K1J-221JE	435032214R1	

R622,R623,R625         C-CARBON R           R624         C-CARBON R           R627,R628,R630         C-CARBON R           R631         C-CARBON R           R632,R633,R634         C-CARBON R           R635,R644,R645         C-CARBON R           R636,R638         C-CARBON R           R637,R639         C-CARBON R           R640,R642         C-CARBON R           R641,R643         C-CARBON R           R646,R647,R648         C-CARBON R           R649,R652,R653         C-CARBON R	RN72K1J-473JE RN72K1J-221JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE RN72K1J-221JE RN72K1J-00JE RN72K1J-00JE RN72K1J-102JE RN72K1J-273JE RN72K1J-221JE RN72K1J-21JE RN72K1J-21JE RN72K1J-21JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435032214R1 435034734R1 435032214R1 435031034R1 435032214R1 435032214R1 435032224R1 435032224R1 435031024R1 435032734R1 435032214R1 435032214R1 435032214R1 435032214R1	
R627,R628,R630         C-CARBON R           R631         C-CARBON R           R632,R633,R634         C-CARBON R           R635,R644,R645         C-CARBON R           R636,R638         C-CARBON R           R637,R639         C-CARBON R           R640,R642         C-CARBON R           R641,R643         C-CARBON R           R646,R647,R648         C-CARBON R           R649,R652,R653         C-CARBON R	RN72K1J-221JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE RN72K1J-221JE RN72K1J-00JE RN72K1J-102JE RN72K1J-273JE RN72K1J-221JE RN72K1J-221JE RN72K1J-21JE RN72K1J-21JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435032214R1 435031034R1 435032214R1 435032214R1 43503004R1 435032224R1 435031024R1 435032734R1 435032214R1 435032214R1 435031034R1	
R631         C-CARBON R           R632,R633,R634         C-CARBON R           R635,R644,R645         C-CARBON R           R636,R638         C-CARBON R           R637,R639         C-CARBON R           R640,R642         C-CARBON R           R641,R643         C-CARBON R           R646,R647,R648         C-CARBON R           R649,R652,R653         C-CARBON R	RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE RN72K1J-000JE RN72K1J-000JE RN72K1J-102JE RN72K1J-102JE RN72K1J-273JE RN72K1J-221JE RN72K1J-221JE RN72K1J-221JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435031034R1 435032214R1 435032214R1 435030004R1 435032224R1 435031024R1 435032734R1 435032214R1 435032214R1 435031034R1	
R632,R633,R634         C-CARBON R           R635,R644,R645         C-CARBON R           R636,R638         C-CARBON R           R637,R639         C-CARBON R           R640,R642         C-CARBON R           R641,R643         C-CARBON R           R646,R647,R648         C-CARBON R           R649,R652,R653         C-CARBON R	RN72K1J-221JE RN72K1J-221JE RN72K1J-000JE RN72K1J-000JE RN72K1J-102JE RN72K1J-102JE RN72K1J-273JE RN72K1J-221JE RN72K1J-221JE RN72K1J-221JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435032214R1 435032214R1 435030004R1 435032224R1 435031024R1 435032734R1 435032214R1 435032214R1 435031034R1	
R635,R644,R645         C-CARBON R           R636,R638         C-CARBON R           R637,R639         C-CARBON R           R640,R642         C-CARBON R           R641,R643         C-CARBON R           R646,R647,R648         C-CARBON R           R649,R652,R653         C-CARBON R	RN72K1J-221JE RN72K1J-000JE RN72K1J-000JE RN72K1J-222JE RN72K1J-102JE RN72K1J-273JE RN72K1J-221JE RN72K1J-221JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435032214R1 435030004R1 435032224R1 435031024R1 435032734R1 435032214R1 435032214R1 435031034R1	
R636,R638         C-CARBON R           R637,R639         C-CARBON R           R640,R642         C-CARBON R           R641,R643         C-CARBON R           R646,R647,R648         C-CARBON R           R649,R652,R653         C-CARBON R	RN72K1J-000JE RN72K1J-222JE RN72K1J-102JE RN72K1J-273JE RN72K1J-221JE RN72K1J-221JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435030004R1 435032224R1 435031024R1 435032734R1 435032214R1 435032214R1 435031034R1	
R636,R638         C-CARBON R           R637,R639         C-CARBON R           R640,R642         C-CARBON R           R641,R643         C-CARBON R           R646,R647,R648         C-CARBON R           R649,R652,R653         C-CARBON R	RN72K1J-000JE RN72K1J-222JE RN72K1J-102JE RN72K1J-273JE RN72K1J-221JE RN72K1J-221JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435030004R1 435032224R1 435031024R1 435032734R1 435032214R1 435032214R1 435031034R1	
R637,R639         C-CARBON R           R640,R642         C-CARBON R           R641,R643         C-CARBON R           R646,R647,R648         C-CARBON R           R649,R652,R653         C-CARBON R	RN72K1J-222JE RN72K1J-102JE RN72K1J-273JE RN72K1J-221JE RN72K1J-221JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435032224R1 435031024R1 435032734R1 435032214R1 435032214R1 435031034R1	
R640,R642         C-CARBON R           R641,R643         C-CARBON R           R646,R647,R648         C-CARBON R           R649,R652,R653         C-CARBON R	RN72K1J-102JE RN72K1J-273JE RN72K1J-221JE RN72K1J-221JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435031024R1 435032734R1 435032214R1 435032214R1 435031034R1	
R641,R643         C-CARBON R           R646,R647,R648         C-CARBON R           R649,R652,R653         C-CARBON R	RN72K1J-273JE RN72K1J-221JE RN72K1J-221JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435032734R1 435032214R1 435032214R1 435031034R1	
R646,R647,R648 C-CARBON R R649,R652,R653 C-CARBON R	RN72K1J-221JE RN72K1J-221JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435032214R1 435032214R1 435031034R1	
R649,R652,R653 C-CARBON R	RN72K1J-221JE RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435032214R1 435031034R1	
	RN72K1J-103JE RN72K1J-221JE RN72K1J-221JE	435031034R1	
	RN72K1J-221JE RN72K1J-221JE		
R650,R651,R661 C-CARBON R	RN72K1J-221JE	435032214R1	
R654,R655,R656 C-CARBON R		_	
R657,R658,R659 C-CARBON R	RN72K1.I-221.IF	435032214R1	
R662,R667 C-CARBON R	Z ZZ TOL	435032214R1	
R668,R669 C-CARBON R	RN72K1J-221JE	435032214R1	
R670,R671,R672 C-CARBON R	RN72K1J-221JE	435032214R1	
R673,R674,R677 C-CARBON R	RN72K1J-221JE	435032214R1	
R678,R679,R680 C-CARBON R	RN72K1J-221JE	435032214R1	
R681,R682,R683 C-CARBON R	RN72K1J-221JE	435032214R1	
R684,R685,R687 C-CARBON R		435032214R1	
R686,R776 C-CARBON R		435032234R1	
R688,R690,R697 C-CARBON R		435031034R1	
R689,R691,R692 C-CARBON R		435032214R1	
R693,R699,R701 C-CARBON R		435032214R1	
R694,R696 C-CARBON R		435031024R1	<p></p>
R695,R777 C-CARBON R		435030004R1	<d a="" k="" r="" t=""></d>
R700 C-CARBON R	RN72K1J-103JE	435031034R1	<d a="" k="" p=""></d>
C-CARBON R	RN72K1J-105JE	435031054R1	<t></t>
R702,R716,R720 C-CARBON R	RN72K1J-221JE	435032214R1	
R704,R705,R706 C-CARBON R	RN72K1J-102JE	435031024R1	
R707,R763 C-CARBON R	RN72K1J-102JE	435031024R1	
R708,R712,R713 C-CARBON R	RN72K1J-103JE	435031034R1	
R710 C-CARBON R	RN72K1J-333JE	435033334R1	
R711 C-CARBON R	RN72K1J-563JE	435035634R1	
R714 C-CARBON R	RN72K1J-103JE	435031034R1	<a k="" p="" r="" t=""></a>
C-CARBON R		435030004R1	<d></d>
R715 C-CARBON R		435031034R1	<p></p>
R721,R722,R723 C-CARBON R		435032214R1	31.7
R724,R726,R727 C-CARBON R		435034724R1	
R728,R729,R730 C-CARBON R		435034724R1	
R731 C-CARBON R		435034724R1	
R733,R734,R735 C-CARBON R		435032724R1	
R736,R737,R738 C-CARBON R		435031034R1	
R739,R740,R741 C-CARBON R		435031034R1	
R742,R743,R745 C-CARBON R	RN72K1J-103JE	435031034R1	
R744 C-CARBON R	RN72K1J-103JE	435031034R1	<t></t>
R746 C-CARBON R	RN72K1J-103JE	435031034R1	<d a="" k="" r="" t=""></d>
R747,R748,R749 C-CARBON R	RN72K1J-103JE	435031034R1	
R751,R754,R756 C-CARBON R	RN72K1J-103JE	435031034R1	
R752 C-CARBON R	RN72K1J-224JE	435032244R1	
R753 C-CARBON R		435031014R1	
R755,R757,R759 C-CARBON R		435032224R1	
R758,R767,R768 C-CARBON R		435031034R1	
METAL O R	RS1/2WBJ-10	443521004	<d a="" k="" r="" t=""></d>
R760 METAL R	RNU1/2WCJ-4.7		<p></p>
		453530474 435033314P1	<r></r>
R7631,R7632 C-CARBON R		435033314R1	
R7633,R7634,R7635 C-CARBON R		435037504R1	
R7641,R770 C-CARBON R		435032214R1	
R766,R769 C-CARBON R		435032714R1	
R780,R781,R782 C-CARBON R	RN72K1J-331JE	435033314R1	
R784,R785,R786 C-CARBON R	RN72K1J-470JE	435034704R1	
R787 CARBON R	R16J-56K	417345634	<t></t>
R792 METAL R	RNU1/2WCJ-0.22	453532294	

R793	METAL R	RNU2WCJ-8.2	452730824F	
	PIN JACK	NPJ-2PDO445 or	25045640 or	
P101	PIN JACK	NPJ-2PDO0626	25045847	
P7632	PIN JACK	NPJ-3PDB475	25045678	
P102	ST JACK	LGY2502-0200FC	25045696	
P7601	ST JACK	YKB21-5144	25045853	
JL703B	WIRE TRAP	NPLG-3P586	25055624	
JL7452A	SOCKET	NSCT-5P110	25050282	
JL7501B	SOCKET	NSCT-3P95	25050267	
JL7540B P3101B	SOCKET	NSCT-9P101	25050273	
	SOCKET	NSCT-15P2195	25052298	
P3102B	SOCKET	NSCT-8P2188	25052291	
P3103B,P3104B	SOCKET	NSCT-17P2197	25052300	
P3105B	SOCKET	NSCT-17P2197	25052300	
P601B	SOCKET	IMSA-9115S-12L	25052992	
P602B	SOCKET	NSCT-20P2200	25052303	
P701A	SOCKET	NSCT-13P2106	25052209	
P702	SOCKET	NSCT-9P2427	25052530	
P7534A	SOCKET	NSCT-40P2274	25052377	
P7631	SOCKET	NSCT-4P1356	25051569	
P2004A,P2005A	PLUG	NPLG-13P0968	25056018	
P601A	PLUG	IMSA-9115B-12	25056342	
P602A	PLUG	NPLG-20P0975	25056025	
P710A	PLUG	NPLG-13P0968	25056018	<d></d>
P801A	PLUG	NPLG-20P668	25055712	
P954A	PLUG	IMSA-9115B-15	25056345	
P959A	PLUG	IMSA-9115B-18	25056348	
P201	WS CLAMP	CB-71683(L=50)	260261	
Q551A	HEAT SINK	RAD-141	27160472	
W00 I /\			_	
Q551B	SCREW	3P+10FN(3BC)	82143010GR	
Q551B		3P+10FN(3BC) 64-1A/1B/1C/1D/1E/1F)	82143010GR	
Q551B PRIMARY CIRCUIT P	C BOARD (NAPS-86	64-1A/1B/1C/1D/1E/1F)	82143010GR	
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT	C BOARD (NAPS-86 T PC BOARD (NAPS	64-1A/1B/1C/1D/1E/1F) 5-8665-1A/1B/1C/1D/1E/1F)	82143010GR	
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL	C BOARD (NAPS-86 T PC BOARD (NAPS . PC BOARD (NAET)	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F)	82143010GR	
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL	C BOARD (NAPS-86 T PC BOARD (NAPS . PC BOARD (NAET . C PC BOARD (NAE	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F) TC-8667-1A/1B/1C/1D/1E/1F)	82143010GR	
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC	C BOARD (NAPS-86 T PC BOARD (NAPS . PC BOARD (NAET . C PC BOARD (NAE BOARD (NAAF-8668	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F) TC-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F)	82143010GR	
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC	C BOARD (NAPS-86 T PC BOARD (NAPS . PC BOARD (NAET . C PC BOARD (NAE BOARD (NAAF-8668 BOARD (NAPS-8669	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F) TC-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) -1C/1D/1E/1F)	82143010GR	
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO BOARD (NAAF-8668 BOARD (NAPS-8669) (NAETC-8670-1C/1D	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F) TC-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) -1C/1D/1E/1F) //1E/1F)	82143010GR	
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAETO BOARD (NAAF-8668 BOARD (NAPS-8669 (NAETC-8670-1C/1D RD (NAETC-8672-1D	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F) TC-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) -1C/1D/1E/1F) //1E/1F)		REMARKS
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO.	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAET) C PC BOARD (NAET) C PC BOARD (NAET) BOARD (NAAF-8668) BOARD (NAPS-8669) (NAETC-8670-1C/1D RD (NAETC-8672-1D) PART NAME	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F) CTC-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) DESCRIPTION	PART NO.	REMARKS
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAET) C PC BOARD (NAET) C PC BOARD (NAET) C PC BOARD (NAAF-8668) BOARD (NAAF-8669) (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 6-1C/1D/1E/1F) 6-1C/1D/1E/1F) 6-1C/1D/1E/1F) 7-1C/1D/1E/1F) 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PART NO. 241361	
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETC C PC BOARD (NAE BOARD (NAAF-8668 BOARD (NAPS-8669 (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F) C-1C/1B/1B/1C/1D/1E/1F) C-1C/1D/1E/1F) C-1C/1D/1E/1F) DESCRIPTION GP1UM281XKVFH=16MM ICL3221ECVZ	PART NO. 241361 22242268R2	<t k="" p="" r=""></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q901	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAET) C PC BOARD (NAET) C PC BOARD (NAET) C PC BOARD (NAAF-8668) BOARD (NAAF-8669) (NAETC-8670-1C/1D PART NAME REMO SENS IC	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F) C-8666-1A/1B/1C/1D/1E/1F) C-1C-8667-1A/1B/1C/1D/1E/1F) C-1C/1D/1E/1F) C-1C/1D/1E/1F) DESCRIPTION GP1UM281XKVFH=16MM ICL3221ECVZ SI-3010KF	PART NO. 241361 22242268R2 22242203	
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q901 Q951	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAET) C PC BOARD (NAET) C PC BOARD (NAFS-866) BOARD (NAAF-8669) (NAETC-8670-1C/1D PART NAME REMO SENS IC IC	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 9  DESCRIPTION GP1UM281XKVFH=16MM ICL3221ECVZ SI-3010KF LM2940CT-5.0	PART NO. 241361 22242268R2 22242203 22242242	<t k="" p="" r=""> <t></t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q901 Q951 Q952	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETC C PC BOARD (NAE BOARD (NAAF-8668 BOARD (NAPS-8669 (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 9 1/1E/1F 1/1E/1	PART NO. 241361 22242268R2 22242203 22242242 22242271	<t k="" p="" r=""></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q901 Q951 Q952 Q5000,Q5001	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETC C PC BOARD (NAE BOARD (NAPS-8669 (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC IC TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 9 1/1E/1F 1/1E/1	PART NO. 241361 22242268R2 22242203 22242242 22242271 2211406 or	<t k="" p="" r=""> <t></t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUI SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q901 Q951 Q952 Q5000,Q5001 Q5002,Q5003	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETC C PC BOARD (NAE BOARD (NAPS-8669 (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC TR TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 9 DESCRIPTION GP1UM281XKVFH=16MM ICL3221ECVZ SI-3010KF LM2940CT-5.0 S-812C53AY-Z-G 2SC2240-BL or 2SC1845-E	PART NO. 241361 22242268R2 22242203 22242242 22242271 2211406 or 2211733	<t k="" p="" r=""> <t> <d>  *  *</d></t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q901 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETC C PC BOARD (NAE BOARD (NAPS-8669 (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC TR TR TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 9 DESCRIPTION GP1UM281XKVFH=16MM ICL3221ECVZ SI-3010KF LM2940CT-5.0 S-812C53AY-Z-G 2SC2240-BL or 2SC1845-E 2SC2240-BL or	PART NO. 241361 22242268R2 22242203 22242242 22242271 2211406 or 2211733 2211406 or	<t k="" p="" r=""> <t> <d></d></t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT P SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q901 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETC C PC BOARD (NAE BOARD (NAPS-8669 (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC TR TR TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 8-12/1E/1F 8-12/1E/1E/1E/1E/1E/1E/1E/1E/1E/1E/1E/1E/1E/	PART NO. 241361 22242268R2 22242203 22242242 22242271 2211406 or 2211733 2211406 or 2211733	<t k="" p="" r=""> <t> <d>  *  *  *  *  *  *  *  *  *  *  *  *  *</d></t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q901 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006 Q5010,Q5011	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAPS-8669 CNAETC-8670-1C/1D PART NAME REMO SENS IC	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 9  DESCRIPTION  GP1UM281XKVFH=16MM  ICL3221ECVZ  SI-3010KF  LM2940CT-5.0  S-812C53AY-Z-G  2SC2240-BL or  2SC1845-E  2SC2240-BL or  2SC1845-E  2SC2240-BL or	PART NO. 241361 22242268R2 22242203 22242242 22242271 2211406 or 2211733 2211406 or 2211733 2211406 or	<t k="" p="" r=""> <t>  CD&gt;  *  *  *  *  *  *  *  *  *  *  *  *  *</t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006 Q5010,Q5011 Q5012,Q5013	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAFS-8669 BOARD (NAPS-8669 (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC IC IT TR TR TR TR TR TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1C-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 8-10-10-10-10-10-10-10-10-10-10-10-10-10-	PART NO. 241361 22242268R2 22242203 22242242 22242271 2211406 or 2211733 2211406 or 2211733	<t k="" p="" r=""> <t>  CD&gt;  *  *  *  *  *  *  *  *  *  *  *  *  *</t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006 Q5010,Q5011 Q5012,Q5013 Q5014,Q5015	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAFS-8669 BOARD (NAPS-8669 (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC IC IT TR TR TR TR TR TR TR TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 8-10-1C/1D/1E/1F) 8-10-1C/1D/1E/1F) 9-1C/1D/1E/1F) 9-1C/1D/1E/	PART NO. 241361 22242268R2 22242203 22242242 22242271 2211406 or 2211733 2211406 or 2211733 2211406 or 2211733 2211406 or	<t k="" p="" r=""> <t>  CD&gt;  *  *  *  *  *  *  *  *  *  *  *  *  *</t></t>
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Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT P SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006 Q5010,Q5011 Q5012,Q5013 Q5014,Q5015 Q5016 Q5030,Q5031,Q5032 Q5033,Q5034 Q5035,Q5036 Q5040,Q5041,Q5042	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAFS-8669) BOARD (NAPS-8669) (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC IC IC IT TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1C-1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 8-10-1B/1C/1D/1E/1F) 8-10-1B/1C/1D/1E/1F) 8-10-1B/1C/1D/1E/1F) 8-11C/1D/1E/1F) 8-11C/1D/1E/1F) 8-11C/1D/1E/1F) 8-11C/1D/1E/1F) 8-11C/1D/1E/1F) 9/1E/1F) 9/1	PART NO.  241361  22242268R2  22242203  22242242  22242271  2211406 or  2211733  2211406 or  2211733  2211406 or  2211733  2211406 or  2211734  2211354  2211354  2211354	<t k="" p="" r=""> <t>  CD&gt;  *  *  *  *  *  *  *  *  *  *  *  *  *</t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT P SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006 Q5010,Q5011 Q5012,Q5013 Q5014,Q5015 Q5016 Q5030,Q5031,Q5032 Q5033,Q5034 Q5035,Q5036 Q5040,Q5041,Q5042 Q5043,Q5044	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAFS-8669) BOARD (NAPS-8669) (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC IC IC IC IC IT TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1C-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 9 8-1C/1D/1E/1E/1F) 9 8-1C/1D/1E/1F	PART NO.  241361  22242268R2  22242203  22242242  22242271  2211406 or  2211733  2211406 or  2211733  2211406 or  2211733  2211406 dor  2211734  2211354  2211354  2211354  2211634  2211634	<t k="" p="" r=""> <t>  CD&gt;  *  *  *  *  *  *  *  *  *  *  *  *  *</t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT P SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006 Q5010,Q5011 Q5012,Q5013 Q5014,Q5015 Q5016 Q5030,Q5031,Q5032 Q5033,Q5034 Q5035,Q5036 Q5040,Q5041,Q5042 Q5043,Q5044 Q5045,Q5046	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAFS-8669) BOARD (NAPS-8669) (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC IC IC IT TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1C-1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 8-10-1B/1C/1D/1E/1F) 8-10-1B/1C/1D/1E/1F) 8-10-1B/1C/1D/1E/1F) 8-11C/1D/1E/1F) 8-11C/1D/1E/1F) 8-11C/1D/1E/1F) 8-11C/1D/1E/1F) 8-11C/1D/1E/1F) 9/1E/1F) 9/1	PART NO.  241361  22242268R2  22242203  22242242  22242271  2211406 or  2211733  2211406 or  2211733  2211406 or  2211733  2211406 dor  2211734  2211354  2211354  2211354  2211634  2211634  2211634	<t k="" p="" r=""> <t>  CD&gt;  *  *  *  *  *  *  *  *  *  *  *  *  *</t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT P SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q951 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006 Q5010,Q5011 Q5012,Q5013 Q5014,Q5015 Q5016 Q5030,Q5031,Q5032 Q5033,Q5034 Q5035,Q5036 Q5040,Q5041,Q5042 Q5043,Q5044	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAFS-8669) BOARD (NAPS-8669) (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC IC IC IC IC IT TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1C-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 9 8-1C/1D/1E/1E/1F) 9 8-1C/1D/1E/1F	PART NO.  241361  22242268R2  22242203  22242242  22242271  2211406 or  2211733  2211406 or  2211733  2211406 or  2211733  2211406 dor  2211734  2211354  2211354  2211354  2211634  2211634	<t k="" p="" r=""> <t>  CD&gt;  *  *  *  *  *  *  *  *  *  *  *  *  *</t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT P SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q951 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006 Q5010,Q5011 Q5012,Q5013 Q5014,Q5015 Q5016 Q5030,Q5031,Q5032 Q5033,Q5034 Q5035,Q5036 Q5040,Q5041,Q5042 Q5043,Q5044 Q5045,Q5046	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAF-8668) BOARD (NAPS-8669) (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC IC IC IR TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1C-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 9/1E/1F) 9/1E/1	PART NO.  241361  22242268R2  22242203  22242242  22242271  2211406 or  2211733  2211406 or  2211733  2211406 or  2211733  2211406 dor  2211734  2211354  2211354  2211354  2211634  2211634  2211634	<t k="" p="" r=""> <t>  CD&gt;  *  *  *  *  *  *  *  *  *  *  *  *  *</t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT P SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006 Q5010,Q5011 Q5012,Q5013 Q5014,Q5015 Q5016 Q5030,Q5031,Q5032 Q5033,Q5034 Q5035,Q5036 Q5040,Q5041,Q5042 Q5043,Q5044 Q5045,Q5046 Q5050,Q5051	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAF-8668) BOARD (NAPS-8669) (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC IC IC IR TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1C-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 8-1C/1D/1E/1F) 9/1E/1F) 9/1E/1	PART NO.  241361  22242268R2  22242203  22242242  22242271  2211406 or  2211733  2211406 or  2211733  2211406 or  2211733  2211406 or  2211734  2211406 or  2211734  2211354  2211354  2211634  2211634  2211634  2211634  2211634	<t k="" p="" r=""> <t>  CD&gt;  *  *  *  *  *  *  *  *  *  *  *  *  *</t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT PC SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006 Q5010,Q5011 Q5012,Q5013 Q5014,Q5015 Q5016 Q5030,Q5031,Q5032 Q5033,Q5034 Q5033,Q5034 Q5035,Q5036 Q5040,Q5041,Q5042 Q5043,Q5044 Q5045,Q5046 Q5050,Q5051 Q5052,Q5053	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAF-8668) BOARD (NAPS-8669) (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC IC IC IR TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1C-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1	PART NO.  241361  22242268R2  22242203  22242242  22242271  2211406 or  2211733  2211406 or  2211733  2211406 or  2211734  2211354  2211354  2211634  2211634  2211634  2211634  2211733	<t k="" p="" r=""> <t>  CD&gt;  *  *  *  *  *  *  *  *  *  *  *  *  *</t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT P SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006 Q5010,Q5011 Q5012,Q5013 Q5014,Q5015 Q5016 Q5030,Q5031,Q5032 Q5033,Q5034 Q5035,Q5036 Q5040,Q5041,Q5042 Q5043,Q5044 Q5045,Q5046 Q5050,Q5051 Q5052,Q5053 Q5054,Q5055	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAF-8668) BOARD (NAPS-8669) (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC IC IC IR TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1C-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1E/1F) 7/1E/1E/1F) 7/1E/1E/1E/1E/1E/1E/1E/1E/1E/1	PART NO.  241361  22242268R2  22242203  22242242  22242271  2211406 or  2211733  2211406 or  2211733  2211406 or  2211734  2211354  2211354  2211634  2211634  2211634  2211634  2211733  2211406 or  2211733  2211406 or	<t k="" p="" r=""> <t>  CD&gt;  *  *  *  *  *  *  *  *  *  *  *  *  *</t></t>
Q551B PRIMARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT P SECONDARY CIRCUIT PC SPEAKER TERMINAL SPEAKER TERMINAL DRIVER CIRCUIT PC POWER SWITCH PC HOLDER PC BOARD AC OUTLET PC BOA CIRCUIT NO. U5501 Q5501 Q951 Q951 Q952 Q5000,Q5001 Q5002,Q5003 Q5004,Q5005 Q5006 Q5010,Q5011 Q5012,Q5013 Q5014,Q5015 Q5016 Q5030,Q5031,Q5032 Q5033,Q5034 Q5035,Q5036 Q5040,Q5041,Q5042 Q5043,Q5044 Q5045,Q5056 Q5050,Q5051 Q5052,Q5053 Q5054,Q5055 Q5056	C BOARD (NAPS-86) T PC BOARD (NAPS PC BOARD (NAETO C PC BOARD (NAETO C PC BOARD (NAF-8668) BOARD (NAPS-8669) (NAETC-8670-1C/1D RD (NAETC-8672-1D PART NAME REMO SENS IC IC IC IC IC IC IR TR	64-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8665-1A/1B/1C/1D/1E/1F) 6-8666-1A/1B/1C/1D/1E/1F) 6-1C-8667-1A/1B/1C/1D/1E/1F) 6-1A/1B/1C/1D/1E/1F) 6-1C/1D/1E/1F) 7/1E/1F) 7/1E/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1F) 7/1E/1	PART NO.  241361  22242268R2  22242203  22242242  22242271  2211406 or  2211733  2211406 or  2211733  2211406 or  2211734  2211354  2211354  2211634  2211634  2211634  2211634  2211733  2211406 or  2211733  2211406 or	<t k="" p="" r=""> <t>  CD&gt;  *  *  *  *  *  *  *  *  *  *  *  *  *</t></t>

	TR	2SC1740S-R or	2213284 or	
	TR	2SC2458-GR or	2212115 or	
Q912,Q960	TR	2SC1740S-S or	2213285 or	
	TR	KTC3199-GR	2215864	
Q954	TR	2SA965-Y	2211644	
Q955	TR	2SD1858-R	2213214	
4000	TR	KRC102M or	2215960 or	
Q956	TR	DTC114ES	2213290	
Q957	TR	2SA1015-GR	2211455	
Q951	TR	KRC102M or	2215960 or	
Q958	TR	DTC114ES	2213290	
Q959	TR	2SA1930	2203000	<d></d>
				<d></d>
D5000,D5001	ZENER D	DZ-5.6BSB or	224850562 or	
D5002,D5003	ZENER D	MTZJ5.6B	224470562	
D5004,D5005	ZENER D	DZ-5.6BSB or	224850562 or	
D5006	ZENER D	MTZJ5.6B	224470562	
D5501,D5502	DIODE	1SS133(DS) or	223280 or	
D6600,D6603	DIODE	1SS133 or	223163 or	
D6605,D6607	DIODE	1SS270A	223205	
D5508	SPCF D	SIR-34ST3F	225456	
D901,D902,D903	DIODE	1SS133(DS) or	223280 or	
D904,D905,D906	DIODE	1SS133 or	223163 or	
D907,D908,D909	DIODE	1SS270A	223205	
	ZENER D	DZ-6.8BSC or	224850683 or	<d t=""></d>
D910	ZENER D	MTZJ6.8C or	224470683 or	<d t=""></d>
20.0	ZENER D	DZ-6.8BSB or	224850682 or	<d t=""></d>
	ZENER D	MTZJ6.8B	224470682	<d t=""></d>
D910	ZENER D	DZ-5.6BSB or	224850562 or	<p a="" k="" r=""></p>
D310	ZENER D	MTZJ5.6B	224470562	<p a="" k="" r=""></p>
D912,D913	DIODE	1SS133(DS) or	223280 or	
D951,D952	DIODE	1SS133 or	223163 or	
	DIODE	1SS270A	223205	
D953	DIODE	D10XB60H	22380337	
D954	ZENER D	MTZJ8.2C or	224470823 or	
D954	ZENER D	MTZ8.2C	224450823	
DOES DOEZ	DIODE	RL1N4003 or	22380260 or	
D956,D957	DIODE	GP104003E	22380035	
DOES	ZENER D	DZ-33BSD or	224853304 or	
D958	ZENER D	MTZJ33D	224473304	
D961,D962,D963	DIODE	RL1N4003 or	22380260 or	
D964,D965,D966	DIODE	GP104003E	22380035	
D967,D968,D969	DIODE	1SS133(DS) or	223280 or	
D970,D971	DIODE	1SS133 or	223163 or	
D991,D992	DIODE	1SS270A	223205	
L5501	CHOKE COIL	NCH-1452 022M	233454M022	<t k="" p="" r=""></t>
L5502	CHOKE COIL	NCH-1452 022M	233454M022	
L6600,L6601,L6602	S COIL	S-1.3C	231176S	<a k="" p="" r="" t=""></a>
L6603,L6604,L6605	S COIL	S-1.3C	231176S	<a k="" p="" r="" t=""></a>
L6606	S COIL	S-1.3C	231176S	<a k="" p="" r="" t=""></a>
20000	P TRANS	NPT-1520JQ	2301812	! <d></d>
T902	P TRANS	NPT-1519GQ	2301811	! <a k="" p="" r=""></a>
	P TRANS	NPT-1519JQ	2301810	! <t></t>
C5000,C5001,C5002	TF C	ECQ-B50V-221K	374722215	: <1>
C5000,C5001,C5002	TF C	ECQ-B50V-221K	374722215	
C5005,C5004	TF C	ECQ-B50V-221K	374722215	
C5005,C5006	VXC	CE04W50V-47M(VX)	393384707	
C5010,C5011,C5012	VXC	CE04W50V-47M(VX)	393384707	
		` '		
C5015,C5016	VXC	CE04W50V-47M(VX)	393384707	
C5020,C5021,C5022	VX C	CE04W50V-10M(VX)	393381007	
05000 05004	11/X (:	CE04W50V-10M(VX)	393381007	
•		` '		
C5025,C5026	VX C	CE04W50V-10M(VX)	393381007	
C5023,C5024 C5025,C5026 C5040,C5041,C5042	VX C VX C	CE04W50V-10M(VX) CE04W25V-220M(VX)	393352217	
C5025,C5026 C5040,C5041,C5042 C5043,C5044	VX C VX C VX C	CE04W50V-10M(VX) CE04W25V-220M(VX) CE04W25V-220M(VX)	393352217 393352217	
C5025,C5026 C5040,C5041,C5042	VX C VX C	CE04W50V-10M(VX) CE04W25V-220M(VX)	393352217	

<i>-</i>	T. n. a	Ta	T T	
C5053,C5054	VX C	CE04W50V-47M(VX)	393384707	
C5055,C5056	VX C	CE04W50V-47M(VX)	393384707	
C5080,C5081,C5082	CERA C	CC45SL50V-040C	345020401	
C5083,C5084	CERA C	CC45SL50V-040C	345020401	
C5085,C5086	CERA C	CC45SL50V-040C	345020401	
C5090,C5091,C5092	TF C	ECQ-B50V-101K	374721015	
C5093,C5094	TF C	ECQ-B50V-101K	374721015	
C5095,C5096	TF C	ECQ-B50V-101K	374721015	
C5100,C5101,C5102	VR C	CE04W100V-10M(VR)	394691007	
C5103,C5104	VR C	CE04W100V-10M(VR)	394691007	
C5105,C5106	VR C	CE04W100V-10M(VR)	394691007	
C5110,C5111,C5112	VR C	CE04W100V-10M(VR)	394691007	
C5113,C5114	VR C	CE04W100V-10M(VR)	394691007	
C5115,C5116	VR C	CE04W100V-10M(VR)	394691007	T/I//D/D
C5501	VR C	CE04W16V-100M(VR)	394641017	<t k="" p="" r=""></t>
C5502,C5507	CERA C	CK45F50V-223Z	335622230	<t k="" p="" r=""></t>
C5503,C5504	VR C	CE04W50V-1M(VR)	394680107	<t k="" p="" r=""></t>
C5505,C5506	VR C	CE04W50V-1M(VR)	394680107	<t k="" p="" r=""></t>
C5508,C5509	TF C	ECQ-B50V-102J	374721024	
C5511,C5512	VR C	CE04W16V-100M(VR)	394641017	
C5513,C970	CERA C	CK45F50V-223Z	335622230	
C5514	CERA C	CK45B50V-102K	335321025	
C5515,C5516	CERA C	CK45F50V-103Z	335621030	
C6600 ,C6602,C6603	CERA C	CK45F50V-103Z	335621030	
C6605,C6607	CERA C	CK45F50V-103Z	335621030	
C6640,C6641,C6642	TF C	ECQ-B50V-103J	374721034	<a k="" p="" r="" t=""></a>
C6643,C6644,C6645	TF C	ECQ-B50V-103J	374721034	<a k="" p="" r="" t=""></a>
C6646,C6647,C6648	TF C	ECQ-B50V-103J	374721034	<a k="" p="" r="" t=""></a>
C6650,C6651,C6652	TF C	ECQ-B50V-102J	374721024	<a k="" p="" r="" t=""></a>
C6653,C6654,C6655	TF C	ECQ-B50V-102J	374721024	<a k="" p="" r="" t=""></a>
C6656,C6657,C6658	TF C	ECQ-B50V-102J	374721024	<a k="" p="" r="" t=""></a>
C902	TF C	ECQ-B50V-223J	374722234	
C903	VR C	CE04W35V-2200M(VR)	394662227S	
C904	VR C	CE04W50V-100M(VR)	394681017	
C905	VR C	CE04W50V-10M(VR)	394681007	<t></t>
C906,C953	VR C	CE04W50V-3.3M(VR)	394680337	
C907	VR C	CE04W50V-100M(VR)	394681017	<t></t>
C912	IS C	RE275V-103M or	3500196S or	!
0312	IS C	LE103-C3.5	3800042S	!
C929,C964	TF C	ECQ-B50V-102J	374721024	
C951,C952	TF C	ECQ-V50V-334J	374723344	
C954	VR C	CE04W16V-10000M(VR)	394641037S	
C955	VR C	CE04W16V-3300M(VR)	394643327S	
C956	VR C	CE04W50V-10M(VR)	394681007	
C957	VR C	CE04W16V-100M(VR)	394641017	
C958	VR C	CE04W50V-10M(VR)	394681007	<d></d>
C959	VR C	CE04W16V-100M(VR)	394641017	<d></d>
C962,C963	TF C	ECQ-V50V-334J	374723344	
C965	VR C	CE04W35V-3300M(VR)	394663327S	
C966	VR C	CE04W35V-1000M(VR)	394661027S	
C967	VR C	CE04W50V-220M(VR)	394682217	
C968	VR C	CE04W63V-220M(VR)	394672217	
C969	VR C	CE04W50V-47M(VR)	394684707	
C973	VR C	CE04W16V-470M(VR)	394644717	
C974	VR C	CE04W50V-10M(VR)	394681007	
C991	TF C	ECQ-B50V-222J	374722224	
R5000,R5001,R5002	CARBON R	R16J-1K	417341024	
R5003,R5004	CARBON R	R16J-1K	417341024	
R5005,R5006	CARBON R	R16J-1K	417341024	
R5010,R5011,R5012	CARBON R	R16J-56K	417345634	
R5013,R5014	CARBON R	R16J-56K	417345634	
R5015,R5016	CARBON R	R16J-56K	417345634	
	+			<del></del>
R5020,R5021,R5022	CARBON R	R16J-330	417343314	
R5020,R5021,R5022 R5023,R5024	CARBON R CARBON R	R16J-330 R16J-330	417343314	

DECCO DECCA DECCA	lov ppov p	In to the out	T.,=0,,,0,,,	
R5030,R5031,R5032	CARBON R	R16J-120K	417341244	
R5033,R5034	CARBON R	R16J-120K	417341244	
R5035,R5036	CARBON R	R16J-120K	417341244	
R5040,R5041,R5042	CARBON R	R16J-2.2K	417342224	
R5043,R5044	CARBON R	R16J-2.2K	417342224	
R5045,R5046	CARBON R	R16J-2.2K	417342224	
R5050,R5051,R5052	CARBON R	R16J-4.7K	417344724	
R5053,R5054	CARBON R	R16J-4.7K	417344724	
R5055,R5056	CARBON R	R16J-4.7K	417344724	
R5060,R5061,R5062	CARBON R	R16J-1.2K	417341224	
R5063,R5064	CARBON R	R16J-1.2K	417341224	
R5065,R5066	CARBON R	R16J-1.2K	417341224	
R5080,R5081,R5082	CARBON R	R16J-470	417344714	
R5083,R5084	CARBON R	R16J-470	417344714	
R5085,R5086	CARBON R	R16J-470	417344714	
R5090,R5091,R5092	CARBON R	R16J-100K	417341044	
R5093,R5094	CARBON R	R16J-100K	417341044	
R5095,R5096	CARBON R	R16J-100K	417341044	
R5100,R5101,R5102	CARBON R	R16J-100K	417341044	
R5103,R5104	CARBON R	R16J-100K	417341044	
R5105,R5106	CARBON R	R16J-100K	417341044	
R5110,R5111,R5112	CARBON R	R16J-1K	417341024	
R5113,R5114	CARBON R	R16J-1K	417341024	
R5115,R5116	CARBON R	R16J-1K	417341024	
R5130,R5131,R5132	CARBON R	R16J-22K	417342234	
R5133,R5134	CARBON R	R16J-22K	417342234	
R5135,R5136	CARBON R	R16J-22K	417342234	
R5160,R5161,R5162	NF CARBON R	R25J-100	415471014	
R5163,R5164	NF CARBON R	R25J-120	415471214	
R5165,R5166	NF CARBON R	R25J-120	415471214	
R5170,R5171,R5172	NF CARBON R	R25J-100	415471014	
R5173,R5174	NF CARBON R	R25J-120	415471214	
R5175,R5176	NF CARBON R	R25J-120	415471214	
R5180,R5181,R5182	NF CARBON R	R25J-10	415471004	
R5183,R5184	NF CARBON R	R25J-10	415471004	
R5185,R5186	NF CARBON R	R25J-10	415471004	
R5190,R5191,R5192	NF CARBON R	R25J-10	415471004	
R5193,R5194	NF CARBON R	R25J-10	415471004	
R5195,R5196	NF CARBON R	R25J-10	415471004	
R5200,R5201,R5202	CARBON R	R16J-22K	417342234	
R5203,R5204	CARBON R	R16J-22K	417342234	
R5205,R5206	CARBON R	R16J-22K	417342234	
R5230,R5231,R5232	CARBON R	R16J-120K	417341244	
R5233,R5234	CARBON R	R16J-120K	417341244	
R5235,R5236	CARBON R	R16J-120K	417341244	
R5502,R5503	CARBON R	R16J-330	417343314	<t k="" p="" r=""></t>
R5504,R5505,R5506	CARBON R	R16J-10K	417341034	<t k="" p="" r=""></t>
R5507,R5508	CARBON R	R16J-330	417343314	<t k="" p="" r=""></t>
R5510,R5525,R5526	CARBON R	R16J-100	417341014	
R5511	CARBON R	R16J-3.9	417340394	
R5514,R5524	CARBON R	R16J-1K	417341024	
R5519	CARBON R	R16J-220K	417342244	
R6600,R6601,R6602	CARBON R	R16J-22	417342204	<a k="" p="" r="" t=""></a>
R6603,R6604,R6605	CARBON R	R16J-22	417342204	<a k="" p="" r="" t=""></a>
R6606,R6610,R6611	CARBON R	R16J-22	417342204	<a k="" p="" r="" t=""></a>
R6612,R6613,R6614	CARBON R	R16J-22	417342204	<a k="" p="" r="" t=""></a>
R6615,R6616	CARBON R	R16J-22	417342204	<a k="" p="" r="" t=""></a>
R6690	METAL R	RNU1/2WCJ-0.22	453532294	
		R16J-100K	417341044	<t></t>
R905 R906	ICARBON R	ILLIOO LOUIX		
R905,R906 R907	CARBON R	R16.I-82K	417348234	∠T\
R907	CARBON R	R16J-82K	417348234	<t> <t></t></t>
R907 R908	CARBON R CARBON R	R16J-10K	417341034	<t> <t></t></t>
R907 R908 R909,R914	CARBON R CARBON R CARBON R	R16J-10K R16J-100K	417341034 417341044	
R907 R908	CARBON R CARBON R	R16J-10K	417341034	

R953.R967	METAL R	RNU1WCJ-0.22	453632294	
R954,R955	METAL R	RNU1/2WCJ-2.2	453530224	
R956	METAL R	RNU1/4WJ-33	4500185	<d></d>
R957,R959	CARBON R	R16J-2.2K	417342224	127
	METAL R	RNU1/2WCJ-2.2	453530224	<a k="" p="" r=""></a>
R961	METAL R	RNU1/2WCJ-4.7	453530474	<d></d>
11001	METAL R	RNU1/2WCJ-6.8	453530684	<t></t>
R962	METAL R	RNU1/2WCJ-2.2	453530004	<u> </u>
R963	METAL O R	RS1/2WBJ-22	443522204	
R964	CARBON R	R16J-15K	417341534	
R965	CARBON R	R16J-33K	417343334	
R966	METAL R	RNU1/2WCJ-0.22	453532294	<d></d>
			•	<u>&gt;</u>
R970	METAL R	RNU1WCJ-2.2	453630224	
R971	METAL R	RNU1/2WCJ-2.2	453530224	
RL6600,RL6602	RELAY	NRL-2P5A-DC24-158 or	25065618 or	
RL6603,RL6605	RELAY	NRL-2P5A-DC24-129	25065563	
RL6607	RELAY	NRL-2P5A-DC24-158 or	25065618 or	
	RELAY	NRL-2P5A-DC24-129	25065563	
RL902	RELAY	NRL-1P10A-DC9-186	25065683	!
S901	SLIDE SW	NSS-22157P	25065437	! <t></t>
S910	P SW	NPS-111-L590P	25035636	! <t k="" p="" r=""></t>
P5503	PIN JACK	NPJ-2PDBL185	25045333	
P5504	JACK	YKB21-5130	25045387	
P5505	ST JACK	HSJ1002-01-1020	25045647	
P6600	TRM	NTM-8PDMN341	25060412	<d></d>
	TRM	NTM-8PDMN342	25060413	<a k="" p="" r="" t=""></a>
P6602	TRM	NTM-2PDMN318	25060387	<d></d>
1 0002	TRM	NTM-2PDMN319	25060388	<a k="" p="" r="" t=""></a>
P6605	TRM	NTM-4PDMN345	25060416	<d></d>
1 0003	TRM	NTM-4PDMN355	25060426	<a k="" p="" r="" t=""></a>
P6607	TRM	NTM-4PDMN308	25060377	<d></d>
P0007	TRM	NTM-4PDMN332	25060402	<a k="" p="" r="" t=""></a>
	AC OUTLET	NSCT-4P913	25051126	! <d></d>
B040	AC OUTLET	NSCT-2P2013	25052115	! <a></a>
P910	AC OUTLET	AC-181-GB-11VGY5311	25053032	! <r></r>
	AC OUTLET	NSCT-4P912	25051125	! <t p=""></t>
F901A,F901B	FUSE HOL	NSCT-1P2031	25052133	!
F902A,F902B	FUSE HOL	NSCT-1P2031	25052133	! <t></t>
F903A.F903B	FUSE HOL	NSCT-1P2031	25052133	1
F931A,F931B	FUSE HOL	NSCT-1P2031	25052133	i
F932A.F932B	FUSE HOL	NSCT-1P2031	25052133	i
F951A,F951B	FUSE HOL	NSCT-1P2031	25052133	i
F952A,F952B	FUSE HOL	NSCT-1P2031	25052133	i
F901C	LABEL	T6.3AL/250V	29361681	: <a k="" p="" r="" t=""></a>
F903C	LABEL	T2.5AL250V	29361747	<a k="" p="" r="" t=""></a>
F931C	LABEL	T1.6AL250V	29361769	<a k="" p="" r="" t=""></a>
			•	
F951C JL2006B	LABEL SOCKET	T6.3AL/250V NSCT-5P97	29361681 25050269	<a k="" p="" r="" t=""></a>
JL6006A	WIRE HOL	NSCT-5P896	25051109	
JL6600B	SOCKET	NSCT-7P99	25050271	
JL6602A	WIRE HOL	NSCT-4P895	25051108	
JL6602B	SOCKET	NSCT-4P96	25050268	
JL6603B	SOCKET	NSCT-9P101	25050273	
JL911A	WIRE HOL	NSCT-6P877	25051090	
JL957B	SOCKET	NSCT-5P97	25050269	T": ('- '-
P5501	SOCKET	7906-09FHA or	25053103 or	<t k="" p="" r=""></t>
	SOCKET	NSCT-9P2277	25052379	<t k="" p="" r=""></t>
P6000A,P6001A	SOCKET	NSCT-5P2185	25052288	
P6002A,P6003A	SOCKET	NSCT-5P2185	25052288	
P6004A,P6005A	SOCKET	NSCT-5P2185	25052288	
P954B	SOCKET	IMSA-9115S-15L	25052995	
P959B	SOCKET	IMSA-9115S-18L	25052998	
JL911B	WIRE TRAP	NPLG-6P589	25055627	
P5004A	PLUG	NPLG-13P141	25055157	

P912	PLUG	NPLG-2P631	25055675	<d a="" k="" p="" r=""></d>
P912	PLUG	B5P9-VH	25056568	<t></t>
P951	PLUG	NPLG-4P151	25055167	
P952	PLUG	NPLG-5P119	25055135	
P955	PLUG	NPLG-2P83	25055099	
D953B,Q951D	HEAT SINK	RAD-183	27160526	
P6011B	RETAINER	(BUS-U)	27141859	
Q951F	RETAINER	(U)	27142012	
Q951H	SPACER	8X3X0.188	82143010GR	
D953A,Q951A,Q951G	SCREW	3P+10FN(3BC)	82143010GR	
Q959A	SCREW	3P+10FN(3BC)	82143010GR	<d></d>
DISPLAY CIRCUIT PC		\ /	02140010GIX	\D>
HEADPHONE TERMIN		•		
VOLUME PC BOARD (	•	-10-0070-1A)		
CIRCUIT NO.	PART NAME	DESCRIPTION	PART NO.	REMARKS
Q7501	FL TUBE	HNA-16SM10T	212249GRA	KEWAKKO
Q7502				
	IC	M66005-0001AHP	22242208R3	
Q7515,Q7601	IC	NE5532APSR	22242283R2	
Q7503,Q7510	TR	KTC3875-GR or	2216175R2 or	
	TR	2SC2712-GR	2213145R2	
Q7506,Q7508	TR	KRC102S or	2216190R2 or	
	TR	RN1402	2214470R2	
Q7507,Q7509	TR	KRA102S or	2216220R2 or	
<u></u>	TR	RN2402	2214530R2	
Q7602,Q7605,Q7607	TR	RN1441	2215410R2	
U7501	REMO SENS	GP1UM281XKVFH=16MM	241361	
D7504	ZENER D	UDZS8.2B or	224550820R2 or	
D7501	ZENER D	HZU8.2B	224660824R2	
D7502	LED	SLI-343URC-TE7	225449	
2.002	LED	SEL4310G-D or	225292D or	
D7503	LED	SEL4410G or	225454 or	+
D7000	LED	SLR-342MGTE7P	225455	
D7515 D7501	LED	SDPB3DD0C	225464	
D7515,D7591				
D7601	ZENER D	UDZS5.1B or	224550510R2 or	
	ZENER D	HZU5.1B	224660514R2	
L7501,L7502,L7503	CHOKE COIL	NCH-1471 or	231237K022R2 or	
L7621,L7622,L7623	CHOKE COIL	NCH-1587-022M	233533M022R2	
C7501	C-CERA C	CK725F1E-104Z1	332161040R1	
C7502,C7521	ELECT C	CE04W6.3V-100M(S)	353721019	
C7504,C7512,C7513	C-CERA C	CK725F1H-473Z1	332154730R1	
C7505,C7506,C7507	C-CERA C	CK725F1E-104Z1	332161040R1	
C7508	C-CERA C	CK725F1H-223Z1	332152230R1	
C7509,C7510,C7514	C-CERA C	CK725F1H-104Z1	332151040R1	
C7511	ELECT C	CE04W50V-33M	355783309	
C7515,C7516,C7517	C-CERA C	CC725CH1H-101J1	342101014R1	
C7518,C7520,C7603	C-CERA C	CC725CH1H-101J1	342101014R1	
C7519,C7523	C-CERA C	CK725F1E-104Z1	332161040R1	
C7519,C7323	MMT C	MMT50V-474J	375524744	
C7554	ELECT C	CE04W50V-2.2M(S)	353780229	
	+	` '	+	
C7591,C7592	C-CERA C	CK725F1E-104Z1	332161040R1	
C7605	C-CERA C	CC725CH1H-330J1	342103304R1	
C7607,C7609	ELECT C	CE04W16V-10M(S)	353741009	
C7610,C7612,C7613	ELECT C	CE04W16V-47M(S)	353744709	
C7621,C7622	C-CERA C	CK725B1H-102K1	332101025R1	
C7623,C7624	C-CERA C	CK725B1H-102K1	332101025R1	
R7501,R7605	C-CARBON R	RN72K1J-104JE	435031044R1	
R7517,R7518,R7522	C-CARBON R	RN72K1J-221JE	435032214R1	
R7519	C-CARBON R	RN72K1J-273JE	435032734R1	
R7520,R7521	C-CARBON R	RN72K1J-332JE	435033324R1	
R7523,R7611,R7613	C-CARBON R	RN72K1J-221JE	435032214R1	
R7527,R7529,R7622	C-CARBON R	RN72K1J-101JE	435031014R1	
R7528,R7545,R7546	C-CARBON R	RN72K1J-102JE	435031024R1	
525,1115 10,111 040	C-CARBON R	RN72K1J-222JE	435032224R1	
R7530 R7556 R7562				1
R7530,R7556,R7562 R7542	C-CARBON R	RN72K1J-181JE	435031814R1	

DZEE4 DZEEZ DZEOC	C CARRON R	DNIZOKA L OOA JE	40500004 4D4	
R7551,R7557,R7563	C-CARBON R	RN72K1J-331JE	435033314R1	
R7552,R7558	C-CARBON R	RN72K1J-471JE	435034714R1	
R7553,R7559	C-CARBON R	RN72K1J-561JE	435035614R1	
R7555,R7561	C-CARBON R	RN72K1J-122JE	435031224R1	
R7560,R7566,R7571	C-CARBON R	RN72K1J-821JE	435038214R1	
R7564,R7569	C-CARBON R	RN72K1J-471JE	435034714R1	
R7565,R7570	C-CARBON R	RN72K1J-561JE	435035614R1	
R7567,R7572	C-CARBON R	RN72K1J-122JE	435031224R1	
R7568,R7600,R7618 R7573,R7576	C-CARBON R C-CARBON R	RN72K1J-331JE RN72K1J-222JE	435033314R1 435032224R1	
			435032224R1 435033924R1	
R7574,R7577 R7578	C-CARBON R C-CARBON R	RN72K1J-392JE RN72K1J-123JE	435033924R1 435031234R1	
R7579,R7580	C-CARBON R	RN72K1J-123JE RN72K1J-392JE	435033924R1	
R7591,R7592	C-CARBON R	RN72K1J-392JE RN72K1J-103JE	435033924R1 435031034R1	
R7593,R7594	C-CARBON R	RN72K1J-680JE	435036804R1	
R7606	C-CARBON R	RN72K1J-102JE	435031024R1	
R7607	C-CARBON R	RN72K1J-102JE	435032244R1	
R7609	C-CARBON R	RN72K1J-333JE	435033334R1	
R7620,R7624,R7625	C-CARBON R	RN72K1J-000JE	435030004R1	
R7621,R7623	C-CARBON R	RN72K1J-100JE	435031004R1	
R7626,R7627	C-CARBON R	RN72K1J-100JE	435030004R1	
R7628,R7629	C-CARBON R	RN72K1J-563JE	435035634R1	
R7703	C-CARBON R	RN72K1J-472JE	435034724R1	
R7721,R7722	C-CARBON R	RN72K1J-000JE	435030004R1	
S7501,S7502,S7503	PUSH SW	NPS-111-S681 or	25035718 or	
S7504,S7505,S7506	PUSH SW	NPS-111-S677	25035714	
S7507,S7508,S7509	PUSH SW	NPS-111-S681 or	25035718 or	
S7510,S7511,S7512	PUSH SW	NPS-111-S677	25035714	
S7513,S7514,S7515	PUSH SW	NPS-111-S681 or	25035718 or	
S7516,S7517,S7518	PUSH SW	NPS-111-S677	25035714	
S7519,S7520,S7521	PUSH SW	NPS-111-S681 or	25035718 or	
S7522,S7523,S7524	PUSH SW	NPS-111-S677	25035714	
S7525,S7526,S7527	PUSH SW	NPS-111-S681 or	25035718 or	
S7528,S7530	PUSH SW	NPS-111-S677	25035714	
S7531,S7532	PUSH SW	NPS-111-S681 or	25035718 or	
S7533,S7534	PUSH SW	NPS-111-S677	25035714	
S7591	R ENCODE	EC12E2425	25065655	Volume
P7602	ST JACK	YKB26-5153	25045385	
JL7501A	WIRE HOL	NSCT-3P894	25051107	
JL7503A,JL7503B	WIRE HOL	NSCT-4P895	25051108	
JL7540A	WIRE HOL	NSCT-9P900	25051113	
JL7542B,JL957A	WIRE HOL	NSCT-5P896	25051109	
P7534B	SOCKET	NSCT-40P2274	25052377	
Q7501A	HOLDER	(FL)	27191222B	
AMPLIFIER PC BOAR	D (NAAF-8678-1A)		•	
THERMAL DETECTOR	PC BOARD (NAETC-8	680-1A)		
SURROUND BACK AN	MPLIFIER PC BOARD (N	NAAF-8682-1A)		
CIRCUIT NO.	PART NAME	DESCRIPTION	PART NO.	REMARKS
Q3001	IC	NE5532APSR	22242283R2	
Q3002	IC	NJU7311AM	22242209R2	
Q3003	IC	NJW1157B	22242193R3	
Q3004	IC	NE5532APSR	22242283R2	
	IC(REGULATOR)	78L07(SMT) or	222780073R2 or	
Q3005	IC(REGULATOR)	NJM78L07UA or	222780073R2JR or	
	IC(REGULATOR)	TA78L07F	222780073R2TO	
Q3006	IC(REGULATOR)	79L07(SMT)	222790073R2	
Q3007,Q3008	IC	NE5532APSR	22242283R2	
Q3505	IC	LM2940CT-5.0	22242242	
Q3506	IC(REGULATOR)	79005HF(TA79005S) or	222790054TOS or	
	IC(REGULATOR)	7905FA(NJM7905FA)	222790054JRC	
	IC(REGULATOR)	7812HF(TA7812S) or	222780124TOS or	
Q3507	IC(REGULATOR)	7812 or	222780124 or	
	IC(REGULATOR)	7812PI(S7812PI)	222780124AUK	
	10/5=0:::::=:::::			
Q3508	IC(REGULATOR) IC(REGULATOR)	79012HF(TA79012S) or 7912FA(NJM7912FA) or	222790124TOS or 222790124JRC or	

i				
	IC(REGULATOR)	7912PI(S7912PI)	222790124AUK	
Q6380	IC	LM61CIZ	22242212	
Q3200,Q3201,Q3202	TR	RN1443	2215510R2	
Q3203,Q3204	TR	RN1443	2215510R2	
Q3205,Q3206	TR	RN1443	2215510R2	
Q3207,Q3210	TR	RN1443	2215510R2	
Q3211,Q3212,Q3213	TR	RN1443	2215510R2	
Q3214	TR	RN1443	2215510R2	
Q3215,Q3216	TR	RN1443	2215510R2	
Q3217	TR	RN1443	2215510R2	
02251 02252	TR	KRC102S or	2216190R2 or	
Q3251,Q3252	TR	RN1402	2214470R2	
Q3401,Q3402,Q3403	TR	RN1443	2215510R2	
Q3404	TR	RN1443	2215510R2	
Q3501	TR	2SB1240-R	2213794	
Q3502	TR	2SD1468S-R	2215024	
	TR	KRC102S or	2216190R2 or	
Q3503	TR	RN1402	2214470R2	
_	TR	KTA1504-GR or	2216185R2 or	
Q3504	TR	2SA1162-GR	2214375R2	
Q6000,Q6001,Q6002	TR	2SC1740S-S	2213285	
Q6003,Q6004	TR	2SC1740S-S	2213285	
	TR			
Q6005,Q6006		2SC1740S-S	2213285	
Q6010,Q6011	TR	2SC1740S-S	2213285	
Q6012,Q6013,Q6014	TR	2SC1740S-S	2213285	
Q6015,Q6016	TR	2SC1740S-S	2213285	
Q6030,Q6031	TR	2SC5171 or	2203010 or	
Q6032,Q6033,Q6034	TR	2SC5993-Q,P	2217161	
Q6035	TR	2SC5171 or	2203010 or	
Q6036	TR	2SC5993-Q,P	2217161	
Q6040,Q6041	TR	2SA1930 or	2203000 or	
Q6042,Q6043,Q6044	TR	2SA2140-Q,P	2217151	
Q6045	TR	2SA1930 or	2203000 or	
Q6046	TR	2SA2140-Q,P	2217151	
Q6070,Q6071	TR	2SC2229-Y or	2211634 or	
Q6072,Q6073,Q6074	TR	2SC2229-O	2211633	
Q6075	TR	2SC2229-Y or	2211634 or	
Q6076	TR	2SC2229-O	2211633	
00704 00700 00707	TR	KTC3875-GR or	2216175R2 or	
Q6701,Q6702,Q6707	TR	2SC2712-GR	2213145R2	
Q6703	TR	2SA1163-BL	2216756R2	
_	TR	KTA1504-GR or	2216185R2 or	
Q6704	TR	2SA1162-GR	2214375R2	
D3005,D3006,D3938	C-DIODE	KDS4148U or	223283R2 or	
D3939,D3940,D3941	C-DIODE	1SS352 or	223234R2 or	
D6701,D6702,D6902	C-DIODE	1SS355 or	223269R2 or	
D3201,D3202	C-DIODE	MA2J111	223279R2	
D6000,D6001,D6002	DIODE	1SS133(DS) or	223280 or	
D6003,D6004,D6010	DIODE	1SS133 or	223163 or	
D6003,D6004,D6010	DIODE	1SS270A	223205	
20011,20012,20013				
D6014	DIODE	1SS133(DS) or	223280 or	
D6014	DIODE	1SS133 or	223163 or	
DOOGE DOOGG	DIODE	1SS270A	223205	
D6005,D6006	DIODE	1SS133(DS) or	223280 or	
D6015,D6016	DIODE	1SS133 or	223163 or	
	DIODE	1SS270A	223205	
D6703,D6704	ZENER D	UDZS5.1B or	224550510R2 or	
,	ZENER D	HZU5.1B	224660514R2	
D6901,D6903	DIODE	D10XB60H	22380337	
C3001,C3002	TF C	ECQ-B50V-221K	374722215	
C3005,C3006,C3007	C-CERA C	CC725CH1H-221J1	342102214R1	
C3008,C3011,C3012	C-CERA C	CC725CH1H-221J1	342102214R1	
C3015,C3016,C3017	C-CERA C	CC725CH1H-221J1	342102214R1	
C3018,C3019,C3020	C-CERA C	CC725CH1H-221J1	342102214R1	
C3021,C3022,C3106	C-CERA C	CC725CH1H-221J1	342102214R1	
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C3023,C3024	C-CERA C	CC725CH1H-221J1	342102214R1
C3027,C3028	TF C	ECQ-B50V-102J	374721024
C3029,C3030,C3031	C-CERA C	CC725CH1H-102J1	342101024R1
C3032,C3052,C3053	C-CERA C	CC725CH1H-102J1	342101024R1
C3033,C3034	C-CERA C	CC725CH1H-102J1	342101024R1
C3035,C3036	VX C	CE04W25V-47M(VX)	393354707
C3037,C3038	VX C	CE04W10V-220M(VX)	393332217
C3041,C3042	TF C	ECQ-B50V-123J	374721234
C3043,C3044	TF C	ECQ-B50V-392J	374723924
C3045,C3046	ELECT C	CE04W50V-10M(S)	353781009
C3047,C3048	VX C	CE04W25V-47M(VX)	393354707
C3049,C3050	C-CERA C	CC725CH1H-101J1	342101014R1
C3051,C3054,C3055	C-CERA C	CC725CH1H-102J1	342101024R1
C3057,C3058	C-CERA C	CC725CH1H-102J1	342101024R1
C3059,C3060,C3061	VX C	CE04W50V-10M(VX)	393381007
C3062,C3071,C3072	VX C	CE04W50V-10M(VX)	393381007
C3063,C3064,C3065	VXC	CE04W25V-47M(VX)	393354707
	+	` '	
C3066,C3067,C3068	VXC	CE04W25V-47M(VX)	393354707
C3069,C3070,C3084	VXC	CE04W25V-47M(VX)	393354707
C3077,C3078,C3079	VX C	CE04W50V-10M(VX)	393381007
C3080,C3081,C3085	VX C	CE04W50V-10M(VX)	393381007
C3082,C3083	VX C	CE04W50V-10M(VX)	393381007
C3086,C3098,C3099	VX C	CE04W50V-10M(VX)	393381007
C3087	VX C	CE04W50V-1M(VX)	393380107
C3088,C3091	VX C	CE04W50V-4.7M(VX)	393380477
C3089,C3092	TF C	ECQ-V50V-224J	374722244
C3090,C3093	TF C	ECQ-B50V-472J	374724724
C3096,C3097	VX C	CE04W16V-470M(VX)	393344717
C3100,C3101	VX C	CE04W25V-220M(VX)	393352217
C3103,C3104	C-CERA C	CC725CH1H-330J1	342103304R1
C3105,C3108,C3132	VX C	CE04W50V-10M(VX)	393381007
C3107	C-CERA C	CK725B1H-103K1	332101035R1
C3109,C3110	VX C	CE04W25V-220M(VX)	393352217
C3111	C-CERA C	CC725CH1H-102J1	342101024R1
C3113,C3114	C-CERA C	CC725CH1H-102J1	342101024R1
C3115,C3116	VX C	CE04W10V-220M(VX)	393332217
C3121,C3122	VX C	CE04W10V-220M(VX)	393352217
· · · · · · · · · · · · · · · · · · ·	VXC	CE04W25V-47M(VX)	393354707
C3123,C3124	+	` '	
C3133,C3134,C3137	VX C	CE04W50V-10M(VX)	393381007
C3135,C3136	VX C	CE04W50V-10M(VX)	393381007
C3200,C3201,C3202	VX C	CE04W50V-47M(VX)	393384707
C3203,C3204	VX C	CE04W50V-47M(VX)	393384707
C3205,C3206	VX C	CE04W50V-47M(VX)	393384707
C3411,C3412	VX C	CE04W50V-22M(VX)	393382207
C3939,C3940,C3941	VX C	CE04W50V-10M(VX)	393381007
C3942,C3943,C3944	VX C	CE04W50V-10M(VX)	393381007
C3945	VX C	CE04W10V-100M(VX)	393331017
C3946,C6706	VX C	CE04W50V-10M(VX)	393381007
C6020,C6021,C6022	VX C	CE04W50V-47M(VX)	393384707
C6023,C6024	VX C	CE04W50V-47M(VX)	393384707
C6025,C6026	VX C	CE04W50V-47M(VX)	393384707
C6030,C6031,C6032	TF C	ECQ-V100-473J	374734734
C6033,C6034	TF C	ECQ-V100-473J	374734734
C6035,C6036	TF C	ECQ-V100-473J	374734734
C6701	VR C	CE04W16V-220M(VR)	394642217
C6703,C6705	C-CERA C	CK725F1H-223Z1	332152230R1
C6704	VR C	CE04W50V-1M(VR)	394680107
C6901,C6902	ELECT C	CE69W71V-15000M	3504433
C6911	C-CERA C	<u> </u>	
	TF C	CC725CH1H-102J1 ECQ-V100-334J	342101024R1 374733344
C6912,C6913	+		
C6915,C6916	TF C	ECQ-V50V-334J	374723344
R3001,R3002,R3005	C-CARBON R	RN72K1J-331JE	435033314R1
R3006,R3009,R3010	C-CARBON R	RN72K1J-331JE	435033314R1
R3007,R3008,R3019	C-CARBON R	RN72K1J-563JE	435035634R1
R3013,R3014,R3017	C-CARBON R	RN72K1J-331JE	435033314R1

R3018, R3021, R3022 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3020, R3027, R3028 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3030, R3030, R3033 R3034 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3030, R3030, R3030, R3030 R3034 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3030, R3030, R3030 R3034 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3030, R3030, R3030 R3034 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3030, R3030, R3030 R3030 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3030, R3030, R3030 R3030 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3034, R3046 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3034, R3046 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3034, R3046 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3036, R3046 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3036, R3046 C-CARBON R RN72K1-J331JE 435033314R1 R1 R3036, R3046 C-CARBON R RN72K1-J401JE 435031014R1 R1 R3036, R3056, R3056 C-CARBON R RN72K1-J401JE 435031014R1 R1 R3036, R3056, R3056 C-CARBON R RN72K1-J401JE 435031014R1 R1 R3036, R3056, R3056 C-CARBON R RN72K1-J401JE 435031014R1 R1 R3056, R3056 C-CARBON R RN72K1-J42JE 435032244R1 R1 R3057, R3076 C-CARBON R RN72K1-J42JE 435032244R1 R1 R3077, R3076 C-CARBON R RN72K1-J42JE 43503224R1 R1 R3058, R3044 R306, R3076 R307		,		
R3025, R3026, R3029	R3018,R3021,R3022	C-CARBON R	RN72K1J-331JE	435033314R1
R3003, R3034, R3041	R3020,R3027,R3028	C-CARBON R	RN72K1J-563JE	435035634R1
R3038_R3041	R3025,R3026,R3029	C-CARBON R	RN72K1J-331JE	435033314R1
R303B, R304B, R3043         C-CARBON R         RN72K1-331UE         435035634R1           R3042         C-CARBON R         RN72K1-331UE         435035634R1           R3044         C-CARBON R         RN72K1-331UE         435035314R1           R3045, R3046         C-CARBON R         RN72K1-331UE         43503854R1           R3046, R3046         C-CARBON R         RN72K1-331UE         43503854R1           R3058, R3067         C-CARBON R         RN72K1-331UE         435033634R1           R3058, R3067         C-CARBON R         RN72K1-101UE         435033104R1           R3068, R3067         C-CARBON R         RN72K1-101UE         435033104R1           R3062         C-CARBON R         RN72K1-101UE         43503244R1           R3062         C-CARBON R         RN72K1-101UE         43503244R1           R3064         C-CARBON R         RN72K1-122UE         43503244R1           R3067, R3068         C-CARBON R         RN72K1-122UE         43503244R1           R3069, R3070         C-CARBON R         RN72K1-124UE         435033614R1           R3077, R3072         C-CARBON R         RN72K1-127UE         43503324R1           R3077, R3078         C-CARBON R         RN72K1-127UE         4350324R1           R3077, R3078	R3030,R3033,R3034	C-CARBON R	RN72K1J-331JE	435033314R1
R3042 C-CARBON R RN72K1_931_E 455033314R1 R3044 C-CARBON R RN72K1_931_E 455033314R1 R3046 R3045_R3046 C-CARBON R RN72K1_931_E 455033654R1 R3045_R3046 C-CARBON R RN72K1_931_E 455033314R1 R3046_R3045_R3046 C-CARBON R RN72K1_931_E 4550330314R1 R305335654_R3057 C-CARBON R RN72K1_953_E 4550330314R1 R305335654_R3057 C-CARBON R RN72K1_953_E 455033014R1 R305356_R3056_R3056_R3056_C-CARBON R RN72K1_924_E 455033104R1 R3059_R3050_R3056_R3056_C-CARBON R RN72K1_924_E 455033244R1 R30503104R1 R30505_R3056_R3056_C-CARBON R RN72K1_924_E 455032244R1 R30503104R1 R3056_R3056_C-CARBON R RN72K1_924_E 455032244R1 R30503104R1 R3056_R3056_C-CARBON R RN72K1_924_E 455032244R1 R3056_R3056_R3056_C-CARBON R RN72K1_924_E 455032244R1 R3056_R3056_R3056_C-CARBON R RN72K1_924_E 455032244R1 R3056_R3056_R3056_C-CARBON R RN72K1_924_E 45503224AR1 R3056_R3056_R3056_C-CARBON R RN72K1_924_E 45503224AR1 R3056_R3056_R3056_C-CARBON R RN72K1_924_E 45503224AR1 R3057_R307_R307_C-CARBON R RN72K1_924_E 45503224AR1 R3057_R307_R307_C-CARBON R RN72K1_924_E 45503224AR1 R307_R307_R307_C-CARBON R RN72K1_923_E 45503224AR1 R307_R307_R307_C-CARBON R RN72K1_923_E 45503224AR1 R307_R307_R307_C-CARBON R RN72K1_923_E 45503224AR1 R3056_R305	R3037,R3038,R3041	C-CARBON R	RN72K1J-331JE	435033314R1
R3045 R3046   C-CARBON R   RN72K1_16331E   43503364R1   R3045 R3046   C-CARBON R   RN72K1_16331E   435033314R1   R3045 R3046   C-CARBON R   RN72K1_16331E   435033314R1   R3053, R3054, R3057   C-CARBON R   RN72K1_1613E   43503314R1   R3053, R3054, R3057   C-CARBON R   RN72K1_1613E   435031614R1   R3053, R3056, R3051   C-CARBON R   RN72K1_1613E   435031614R1   R3056, R3056   C-CARBON R   RN72K1_1613E   435032244R1   R3057, R3056   C-CARBON R   RN72K1_1613E   435033614R1   R3057, R3056   C-CARBON R   RN72K1_1613E   435033614R1   R3077, R3076   C-CARBON R   RN72K1_1613E   435033614R1   R3077, R3076   C-CARBON R   RN72K1_1613E   435033614R1   R3077, R3076   C-CARBON R   RN72K1_1613E   435032244R1   R3077, R3076   C-CARBON R   RN72K1_1613E   435032244R1   R3077, R3076   C-CARBON R   RN72K1_1613E   43503274R1   R3077, R3076   C-CARBON R   RN72K1_1613E   43503274R1   R3077, R3076   C-CARBON R   RN72K1_1613E   4350331014R1   R3077, R3076   C-CARBON R   RN72K1_1623E   435031014R1   R3077, R3076   C-CARBON R   RN72K1_1623E   435032244R1   R3077,	R3039,R3040,R3043	C-CARBON R	RN72K1J-563JE	435035634R1
R3045 R3046 C-CARBON R RN72K1_1563_LE 45503524R1 R3045 R3046 C-CARBON R RN72K1_1563_LE 455033314R1 R3045 R3046 C-CARBON R RN72K1_1563_LE 455033314R1 R3053.R3054 R3057 C-CARBON R RN72K1_1501_LE 435031014R1 R1 R3053.R3054 R3057 C-CARBON R RN72K1_1501_LE 435031014R1 R1 R3053.R3056 R3060 C-CARBON R RN72K1_1501_LE 435031014R1 R1 R3059.R3056 R3060 C-CARBON R RN72K1_1501_LE 435031014R1 R1 R3059.R3056 C-CARBON R RN72K1_1501_LE 435031014R1 R1 R3062 C-CARBON R RN72K1_1501_LE 43503224R1 R3503224R1 R3065 R3066 C-CARBON R RN72K1_1501_LE 43503224R1 R3503224R1 R3065.R3066 C-CARBON R RN72K1_1524_LE 43503224R1 R3503224R1 R3069.R3070 C-CARBON R RN72K1_1561_LE 4350331014R1 R3067.R3067 C-CARBON R RN72K1_1561_LE 435033614R1 R3073.R3072 C-CARBON R RN72K1_1561_LE 435033614R1 R3073.R3072 C-CARBON R RN72K1_1561_LE 435033614R1 R3073.R3073 R3074 C-CARBON R RN72K1_1561_LE 435033614R1 R3073.R3073 R3074 C-CARBON R RN72K1_1561_LE 43503224R1 R3073.R3073 R3074 C-CARBON R RN72K1_1561_LE 43503224R1 R3073.R3073 C-CARBON R RN72K1_1523_LE 43503224R1 R3073.R3073 C-CARBON R RN72K1_1523_LE 43503224R1 R3073.R3073 C-CARBON R RN72K1_1523_LE 43503224R1 R3073.R3082 C-CARBON R RN72K1_1523_LE 43503231014R1 R3073.R3082 C-CARBON R RN72K1_1523_LE 435031014R1 R3093.R3083.R3085 C-CARBON R RN72K1_1523_LE 435031014R1 R3083.R3083.R3083 C-CARBON R RN72K1_1523_LE 43503224R1 R3083.R3083.R3083 R3093 C-CARBON R RN72K1_1523_LE 43503224R1 R3083.R3083.R3093 C-CARBON R RN72K1_1523_LE 43503224R1 R3083.R3083.R3093 C-CARBON R RN72K1_1523_LE 435033104R1 R3117.R3116 R3117.R3116 R3117.R3116 R3117.R3116 R3117.R3116 R3117.R3116 R3117.R3116 R3117.R3116 R3117.R3116 R3117.CARBON R RN72K1_1523_LE 435033104	R3042	C-CARBON R	RN72K1J-331JE	435033314R1
R3045 R3046   C-CARBON R   RN72K1_1-831_E   45503314R1   R3045,R3047 R3048   C-CARBON R   RN72K1_1-831_E   455035634R1   R3053,R3054,R3057   C-CARBON R   RN72K1_1-101_E   435031014R1   R3053,R3054,R3057   C-CARBON R   RN72K1_1-101_E   435031014R1   R3053,R3054,R3057   C-CARBON R   RN72K1_1-101_E   435031014R1   R3053,R3054,R3056   C-CARBON R   RN72K1_1-101_E   435031014R1   R3053,R3054,R3056   C-CARBON R   RN72K1_1-101_E   435031014R1   R3053,R3054   C-CARBON R   RN72K1_1-101_E   435031014R1   R3054,R3056   C-CARBON R   RN72K1_1-101_E   43503244R1   R3054,R3056   R3057,R3076   C-CARBON R   RN72K1_1-101_E   43503244R1   R3054,R3057,R3076   C-CARBON R   RN72K1_1-101_E   43503374R1   R3077,R3076   C-CARBON R   RN72K1_1-101_E   43503374R1   R3075,R3076   C-CARBON R   RN72K1_1-101_E   43503374R1   R3075,R3076   C-CARBON R   RN72K1_1-101_E   43503374R1   R3077,R3076   C-CARBON R   RN72K1_1-101_E   435033104R1   R3077,R3076   C-CARBON R   RN72K1_1-101_E   435033104R1   R3091,R3086   C-CARBON R   RN72K1_1-101_E   43503324R1   R3091,R3096   C-CARBON R   RN72K1_1-101_E   43503324R1   R3091,R3096   C-CARBON R   RN72K1_1-101_E   43503324R1   R3091,R3096   R3099,R3090   C-CARBON R   RN72K1_1-101_E   43503324R1   R3091,R3096   R3099,C   C-CARBON R   RN72K1_1-101_E   435033104R1   R3091,R3096   R3099,C   C-CARBON R   RN72K1_1-101_E   435033104R1   R3096,R3099,C   C-CARBON R   RN72K1_1-101_E   43503104R1   R311,R3116   C-CARBON R   RN72K1_1-101_E   43503104R1   R311,R3116   C-CARBON R   RN72K1_1-101_E   43503104R1   R311,R3116   C-CARBON R   RN72K1_1-101_E   43503104R1	R3044	C-CARBON R		
R3047, R3048   CCARBON R   RN72K1_1-101_E   43503354Rf   R3053, R3054, R3057   CCARBON R   RN72K1_1-101_E   435031014Rf   R3058, R3061   CCARBON R   RN72K1_1-101_E   435031014Rf   R3058, R3061   CCARBON R   RN72K1_1-101_E   435031014Rf   R3059, R3060, R3063   CCARBON R   RN72K1_1-101_E   435031014Rf   R3062   CCARBON R   RN72K1_1-101_E   435031014Rf   R3062   CCARBON R   RN72K1_1-101_E   435031014Rf   R3062   CCARBON R   RN72K1_1-101_E   435031014Rf   R3066, R3066   CCARBON R   RN72K1_1-101_E   435031014Rf   R3067, R3068   CCARBON R   RN72K1_1-101_E   435032244Rf   R3069, R3070   CCARBON R   RN72K1_1-101_E   435032244Rf   R3069, R3070   CCARBON R   RN72K1_1-101_E   435032244Rf   R3073, R3074   CCARBON R   RN72K1_1-124_E   43503244Rf   R3075, R3074   CCARBON R   RN72K1_1-124_E   43503244Rf   R3075, R3074   CCARBON R   RN72K1_1-124_E   43503244Rf   R3075, R3076   CCARBON R   RN72K1_1-124_E   435032244Rf   R3075, R3076   CCARBON R   RN72K1_1-124_E   43503114Rf   R3075, R3076   CCARBON R   RN72K1_1-124_E   43503114Rf   R3079, R3060   CCARBON R   RN72K1_1-124_E   43503114Rf   R3079, R3060   CCARBON R   RN72K1_1-124_E   43503114Rf   R3081, R3081, R3085   CCARBON R   RN72K1_1-101_E   435031014Rf   R3081, R3081, R3085   CCARBON R   RN72K1_1-101_E   435031014Rf   R3081, R3081, R3080   CCARBON R   RN72K1_1-101_E   43503214Rf   R3081, R3081, R3080   CCARBON R   RN72K1_1-101_E   43503214Rf   R3081, R3081, R3081, R3080   CCARBON R   RN72K1_1-124_E   43503214Rf   R3081, R3081, R3080   CCARBON R   RN72K1_1-124_E   43503214Rf   R3081, R		+		
R3058, R3054, R3057 C-CARBON R RN72K1J-101JE 435031014R1 R3058, R3000, R30063 C-CARBON R RN72K1J-224JE 43503124R1 R3058, R3000, R30063 C-CARBON R RN72K1J-224JE 43503124R1 R3058244R1 R30582544R1 R305825555 R3058 C-CARBON R R72K1J-24JE 435031014R1 R30573,R3072 C-CARBON R R72K1J-24JE 435034744R1 R3073,R3072 C-CARBON R R72K1J-24JE 435034744R1 R3073,R3074 C-CARBON R R72K1J-24JE 435032544R1 R3073,R3074 C-CARBON R R72K1J-24JE 43503254R1 R3073,R3076 C-CARBON R R72K1J-24JE 43503254R1 R3073,R3076 C-CARBON R R72K1J-22JE 435032254R1 R3073,R3080 C-CARBON R R72K1J-10JE 435031014R1 R3081,R3082 C-CARBON R R72K1J-10JE 435031014R1 R3081,R3082 C-CARBON R R72K1J-22JE 435032224R1 R30981,R3082 C-CARBON R R72K1J-22JE 435032214R1 R3098,R3089 C-CARBON R R72K1J-22JE 435032214R1 R3098,R3089 C-CARBON R R72K1J-22JE 435032214R1 R3098,R3089 C-CARBON R R72K1J-22JE 435032214R1 R3098,R3098 C-CARBON R R72K1J-22JE 435032214R1 R3098,R3098 C-CARBON R R72K1J-10JE 435031034R1 R3098,R3098 C-CARBON R R72K1J-10JE 435031034R1 R3098,R3098,R3099 C-CARBON R R72K1J-10JE 435031034R1 R3098,R3099,R3090 C-CARBON R R72K1J-10JE 435031034R1 R3098,R3099,R3090 C-CARBON R R72K1J-10JE 435031034R1 R3098,R3099,R3090 C-CARBON R R72K1J-10JE 435031034R1 R3098,R3099,R3099 C-CARBON R R72K1J-10JE 435031034R1 R3098,R3099,R3090 C-CARBON R R72K1J-10JE 435031034R1 R3098,R3099,R3090 C-CARBON R R72K1J-10JE 435031034R1 R3098,R3099,R3090 C-CARBON R R72K1J-10JE 435031034R1 R3112,R3112,R3112 R3112,R3112 R3112,R3112 R31312 R3333333333				
R3058, R3061 C-CARBON R RN72K11-101JE A35031014R1 R3062 C-CARBON R RN72K11-101JE A3503214R1 R3062 C-CARBON R RN72K11-101JE A3503214R1 R3064 C-CARBON R RN72K11-101JE R3061, R3061 R3066 C-CARBON R RN72K11-101JE R3061, R3061 R3066, R3066 C-CARBON R RN72K11-101JE R3061, R3061 R3061, R3061, R3061 R3061, R3061, R3061 R3061, R	•			
R3099 R3060 R3063	, , , , , , , , , , , , , , , , , , , ,	-		<del> </del>
R30062 C-CARBON R RN72K1,1-101,1E 435031014R1 R3064 R3064 C-CARBON R RN72K1,1-224JE 435032244R1 R3065,R3066 C-CARBON R RN72K1,1-101,1E 435031014R1 R3065,R3066 C-CARBON R RN72K1,1-101,1E 435031014R1 R3067,R3068 C-CARBON R RN72K1,1-101,1E 435031014R1 R3067,R3068 C-CARBON R RN72K1,1-224JE 435032244R1 R3069,R3070 C-CARBON R RN72K1,1-224JE 435032244R1 R3069,R3070 C-CARBON R RN72K1,1-224JE 43503244R1 R3073,R3072 C-CARBON R RN72K1,1-56JUE 4350305614R1 R3073,R3074 C-CARBON R RN72K1,1-56JUE 435032244R1 R3075,R3076 C-CARBON R RN72K1,1-22JUE 435032244R1 R3075,R3076 C-CARBON R RN72K1,1-22JUE 435031224R1 R3079,R3060 C-CARBON R RN72K1,1-122JUE 435031224R1 R30979,R3080 C-CARBON R RN72K1,1-101,1UE 435031014R1 R3081,R3082 C-CARBON R RN72K1,1-100,UE 435031014R1 R3083,R3083,R3085 C-CARBON R RN72K1,1-22JUE 435032214R1 R3083,R3083,R3080 C-CARBON R RN72K1,1-22JUE 435032214R1 R3089,R3089,R3090 C-CARBON R RN72K1,1-22JUE 435032214R1 R3089,R3099,R3090 C-CARBON R RN72K1,1-22JUE 43503124R1 R3089,R3099,R3090 C-CARBON R RN72K1,1-22JUE 43503124R1 R3093,R3094 C-CARBON R RN72K1,1-22JUE 43503124R1 R3093,R3094 C-CARBON R RN72K1,1-23JUE 435031034R1 R3093,R3094 C-CARBON R RN72K1,1-33JUE 435031034R1 R3095,R3099,R3000 C-CARBON R RN72K1,1-33JUE 435031034R1 R3095,R3099,R3000 C-CARBON R RN72K1,1-33JUE 435031034R1 R3010,R3012 C-CARBON R RN72K1,1-33JUE 435031034R1 R3116,R3012 C-CARBON R RN72K1,1-33JUE 435031034R1 R3116,R3012 C-CARBON R RN72K1,1-33JUE 435031034R1 R3116,R3012 C-CARBON R RN72K1,1-33JUE 435031034R1 R3117,R3118 METAL O R RN72K1,1-33JUE 435031044R1 R3117,R3118 METAL O R RN72K1,1-33JUE 435031044R1 R3212,R3123,R3124 C-CARBON R RN72K1,1-33JUE 4350331044R1 R3212,R3132,R3130 C-CARBON R RN72K1,1-33JUE 435031044R1 R3212,R312,R3212 C-CARBO	,	+		
R3066	, ,	-		
R3066,R3066   C-CARBON R   RN72K1J-101JE   435031014R1   R3067,R3068   C-CARBON R   RN72K1J-224JE   435032244R1   R3067,R3068   C-CARBON R   RN72K1J-324JE   435032244R1   R3073,R3070   C-CARBON R   RN72K1J-361JE   435033744R1   R3071,R3072   C-CARBON R   RN72K1J-361JE   435033614R1   R3073,R3074   C-CARBON R   RN72K1J-27JE   435032744R1   R3073,R3076   C-CARBON R   RN72K1J-22JE   435032234R1   R3077,R3078   C-CARBON R   RN72K1J-22JE   435032234R1   R3077,R3078   C-CARBON R   RN72K1J-122JE   435031014R1   R3061,R3062   C-CARBON R   RN72K1J-122JE   435031014R1   R3061,R3062   C-CARBON R   RN72K1J-101JE   435031014R1   R3061,R3062   C-CARBON R   RN72K1J-100JE   435031014R1   R3061,R3062   C-CARBON R   RN72K1J-12JE   435032214R1   R3098,R3093   C-CARBON R   RN72K1J-22JE   435032214R1   R3098,R3093   C-CARBON R   RN72K1J-22JE   435032214R1   R3098,R3093   C-CARBON R   RN72K1J-22JE   435032214R1   R3098,R3090   C-CARBON R   RN72K1J-22JE   435032214R1   R3098,R3090   C-CARBON R   RN72K1J-12JE   435032214R1   R3098,R3090   C-CARBON R   RN72K1J-12JE   435032214R1   R3098,R3090   C-CARBON R   RN72K1J-103JE   435031034R1   R3098,R3099   C-CARBON R   RN72K1J-103JE   435031034R1   R3098,R3099   C-CARBON R   RN72K1J-103JE   435031034R1   R3098,R3099   C-CARBON R   RN72K1J-103JE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-103JE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-103JE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-103JE   435031034R1   R3106,R6702,R6707   C-CARBON R   RN72K1J-103JE   435031034R1   R3106,R6702,R6707   C-CARBON R   RN72K1J-103JE   435031034R1   R3117,R3116   C-CARBON R   RN72K1J-103JE   4350331034R1   R3117,R3116   C-CARBON R   RN72K1J-103JE   4350330004R1   R3117,R3116   C-CARBON R   RN72K1J-103JE   4350330004R1   R3117,R3116   C-CARBON R   RN72K1J-100JE   4				+ +
R3096, R3097   C-CARBON R   RN72K1J-224JE   435032244R1   R3071,R3072   C-CARBON R   RN72K1J-474JE   435034744R1   R3071,R3072   C-CARBON R   RN72K1J-561JE   435035614K1   R3071,R3076   C-CARBON R   RN72K1J-561JE   435035614K1   R3075,R3076   C-CARBON R   RN72K1J-224JE   435032744R1   R3075,R3076   C-CARBON R   RN72K1J-22JE   43503224H1   R3075,R3080   C-CARBON R   RN72K1J-12JE   435033224H1   R3079,R3080   C-CARBON R   RN72K1J-10JE   435031004K1   R3081,R3082   C-CARBON R   RN72K1J-10JE   435031004K1   R3081,R3082   C-CARBON R   RN72K1J-10JE   435031004K1   R3081,R3082   C-CARBON R   RN72K1J-10JE   435032214H1   R3081,R3082   C-CARBON R   RN72K1J-22JE   435032214K1   R3098,R3080,R3084,R3085   C-CARBON R   RN72K1J-22JE   435032214K1   R3098,R3080   C-CARBON R   RN72K1J-22JE   435032214K1   R3091,R3082,R3104   C-CARBON R   RN72K1J-22JE   435032204K1   R3091,R3082,R3104   C-CARBON R   RN72K1J-22JE   435032204K1   R3091,R3082,R3104   C-CARBON R   RN72K1J-12JE   435034714K1   R3095,R3086,R3097   C-CARBON R   RN72K1J-103JE   435031034K1   R3098,R3099,R3000   C-CARBON R   RN72K1J-103JE   435031034K1   R3101,R3102   C-CARBON R   RN72K1J-103JE   435031034K1   R3101,R3102   C-CARBON R   RN72K1J-103JE   43503304K1   R3101,R3102   C-CARBON R   RN72K1J-103JE   435033104K1   R3103   C-CARBON R   RN72K1J-103JE   435033104K1   R3103   C-CARBON R   RN72K1J-103JE   435033104K1   R3119,R3110   C-CARBON R   RN72K1J-103JE   435033104K1   R3119,R3120,R3121   C-CARBON R   RN72K1J-103JE   435033104K1   R3119,R3120,R3121   C-CARBON R   RN72K1J-103JE   435033104K1   R3119,R3120,R3121   C-CARBON R   RN72K1J-103JE   435033004K1   R3119,R3120,R3121   C-CARBON R   RN72K1J-103JE   435033314K1   R3119,R3121   C-CARBON R   RN72K1J-20JE   435033244K1   R3123,R3124   C-CARBON R   RN72K1J-20JE   435033244K1   R323,R3244   C-CARBON R   RN72K1J-20JE   43503324		+		
R3069,R3070	·			<del> </del>
R3071, R3072	·	+		
R3073,R3074				
R3075,R3076	R3071,R3072	C-CARBON R	RN72K1J-561JE	435035614R1
R3079,R3078   C-CARBON R   RN72K1J-101JE   435031024R1   R3079,R3080   C-CARBON R   RN72K1J-100JE   435031014R1   R3081,R3082   C-CARBON R   RN72K1J-100JE   435031014R1   R3081,R3082   C-CARBON R   RN72K1J-21JE   435032214R1   R3088,R3087,R3088   C-CARBON R   RN72K1J-22JE   435032214R1   R3086,R3087,R3088   C-CARBON R   RN72K1J-22JE   435032214R1   R3086,R3087,R3088   C-CARBON R   RN72K1J-22JE   435032214R1   R3089,R3090   C-CARBON R   RN72K1J-12JE   435032214R1   R3099,R3090   C-CARBON R   RN72K1J-12JE   435031224R1   R3099,R3099   C-CARBON R   RN72K1J-12JE   435031224R1   R3093,R3099   C-CARBON R   RN72K1J-12JE   435031224R1   R3093,R3099   C-CARBON R   RN72K1J-10JE   435031034R1   R3098,R3099,R3100   C-CARBON R   RN72K1J-10JE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-10JE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-473JE   43503124R1   R3105,R6702,R6707   C-CARBON R   RN72K1J-473JE   4350314734R1   R3106,R6702,R6707   C-CARBON R   RN72K1J-10JE   4350314734R1   R3106,R6702,R6707   C-CARBON R   RN72K1J-10JE   435031034R1   R3117,R3115,R3116   C-CARBON R   RN72K1J-10JE   435031034R1   R3117,R3118   METAL O R   RS172WSJ-22   43522204   R3119,R3120,R3121   C-CARBON R   RN72K1J-10JE   435031034R1   R3117,R3118   METAL O R   RS172WSJ-22   4352204   R3119,R3120,R3121   C-CARBON R   RN72K1J-10JE   435031044R1   R3123,R3124   C-CARBON R   RN72K1J-10JE   4350331044R1   R3123,R3124   C-CARBON R   RN72K1J-56JE   4350336544R1   R3123,R3126   C-CARBON R   RN72K1J-50JE   435033244R1   R3123,R3126   C-CARBON R   RN72K1J-22JE   435032244R1   R3213,R3214   C-CARBON R   RN72K1J-22JE   435032244R1   R3220,R3221,R3222   C-CARBON R   RN72K1J-22JE   435032244R1   R3223,R3234   C-CARBON R   RN72K1J-22JE   435032244R1   R3232,R3234   C-CARBON R   RN72K1J-22JE   435032244R1   R3232,R3234   C-CARBON R   RN72K1J-22JE   435032244R1   R3232,R3234   C-CARBO	,		RN72K1J-274JE	435032744R1
R3079,R3080	R3075,R3076	C-CARBON R	RN72K1J-223JE	435032234R1
R3081,R3082	R3077,R3078	C-CARBON R	RN72K1J-122JE	435031224R1
R3083,R3084,R3085   C-CARBON R   RN72K1J-221JE   435032214R1   R3086,R3087,R3088   C-CARBON R   RN72K1J-221JE   435032214R1   R3098,R3090   C-CARBON R   RN72K1J-220JE   435032224R1   R3098,R3090   C-CARBON R   RN72K1J-122JE   435031224R1   R3093,R3094   C-CARBON R   RN72K1J-122JE   435031224R1   R3093,R3094   C-CARBON R   RN72K1J-12JE   435031224R1   R3095,R3096,R3097   C-CARBON R   RN72K1J-103JE   435031034R1   R3095,R3096,R3097   C-CARBON R   RN72K1J-103JE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-103JE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-120JE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-120JE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-120JE   435031324R1   R3105,R6702,R6707   C-CARBON R   RN72K1J-13JE   435031334R1   R3112,R3115,R3116   C-CARBON R   RN72K1J-103JE   435031034R1   R3112,R3115,R3116   C-CARBON R   RN72K1J-103JE   435031034R1   R3112,R3115,R3116   C-CARBON R   RN72K1J-103JE   435030004R1   R3112,R3112,R3124   C-CARBON R   RN72K1J-103JE   435031034R1   R3113,R3120,R3121   C-CARBON R   RN72K1J-103JE   435031044R1   R3123,R3124   C-CARBON R   RN72K1J-103JE   43503314R1   R3123,R3124   C-CARBON R   RN72K1J-103JE   43503314R1   R3123,R3124   C-CARBON R   RN72K1J-103JE   43503304R1   R3127,R3128   C-CARBON R   RN72K1J-224JE   435032244R1   R3127,R3128   C-CARBON R   RN72K1J-224JE   435032244R1   R3127,R3128   C-CARBON R   RN72K1J-224JE   435032244R1   R3213,R3214   C-CARBON R   RN72K1J-224JE   43503224R1   R3223,R3233,R3234   C-CARBON R   RN72K1J-224JE   43503274R1   R3223,R3233,R3234   C-CARBON R   RN72K1J-271JE   435031014R1   R3223,R3233,R3234   C-CARBON R   RN72K1J-	R3079,R3080	C-CARBON R	RN72K1J-101JE	435031014R1
R3086,R3087,R3088   C-CARBON R   RN72K1J-221JE   435032214R1   R3098,R3090   C-CARBON R   RN72K1J-220JE   435032204R1   R3091,R3092,R3104   C-CARBON R   RN72K1J-122JE   435031224R1   R3093,R3094   C-CARBON R   RN72K1J-121JE   435031224R1   R3093,R3094   C-CARBON R   RN72K1J-17JE   43503124R1   R3098,R3099,R3097   C-CARBON R   RN72K1J-103JE   435031034R1   R3098,R3099,R3100   C-CARBON R   RN72K1J-103JE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-103JE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-103JE   435032204R1   R3103   C-CARBON R   RN72K1J-103JE   435032744R1   R3106,R6702,R6707   C-CARBON R   RN72K1J-103JE   435031534R1   R3106,R6702,R6707   C-CARBON R   RN72K1J-103JE   435031034R1   R3116,R3115,R3116   C-CARBON R   RN72K1J-103JE   435031034R1   R3117,R3118   METAL O R   RS12KWJJ-22   4435032004R1   R3117,R3118   METAL O R   RS12KWJJ-22   4435032004R1   R3113,R3120,R3121   C-CARBON R   RN72K1J-04JE   435031034R1   R3128,R3126   C-CARBON R   RN72K1J-331JE   4350313314R1   R3128,R3126   C-CARBON R   RN72K1J-363JE   4350333314R1   R3128,R3126   C-CARBON R   RN72K1J-363JE   4350330004R1   R3129,R3130   C-CARBON R   RN72K1J-00JE   435031004R1   R3129,R3130   C-CARBON R   RN72K1J-00JE   435031004R1   R3129,R3130   C-CARBON R   RN72K1J-224JE   435032244R1   R3215,R3214   C-CARBON R   RN72K1J-224JE   435032244R1   R3215,R3224   C-CARBON R   RN72K1J-224JE   435032244R1   R3215,R3224   C-CARBON R   RN72K1J-224JE   435032244R1   R3215,R3224   C-CARBON R   RN72K1J-224JE   435032244R1   R3223,R3234   C-CARBON R   RN72K1J-271JE   435032714R1   R3233,R3234	R3081,R3082	C-CARBON R	RN72K1J-100JE	435031004R1
R3089,R3090   C-CARBON R   RN72K1J-22UE   435032204R1   R3091,R3092,R3104   C-CARBON R   RN72K1J-12UE   435031224R1   R3093,R3094   C-CARBON R   RN72K1J-147UE   435031224R1   R3093,R30994   C-CARBON R   RN72K1J-147UE   43503114R1   R3095,R3096,R3097   C-CARBON R   RN72K1J-103UE   435031034R1   R3095,R3099,R3100   C-CARBON R   RN72K1J-103UE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-103UE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-120UE   435032204R1   R3103   C-CARBON R   RN72K1J-153UE   435031534R1   R3105   C-CARBON R   RN72K1J-153UE   435031534R1   R3112,R3115,R3116   C-CARBON R   RN72K1J-103UE   435031034R1   R3112,R3115,R3116   C-CARBON R   RN72K1J-103UE   435031034R1   R3112,R3115,R3116   C-CARBON R   RN72K1J-103UE   43503104R1   R3112,R3112,R3120,R3121   C-CARBON R   RN72K1J-103UE   43503104R1   R3112,R3120,R3121   C-CARBON R   RN72K1J-103UE   43503104R1   R3112,R3120,R3121   C-CARBON R   RN72K1J-331UE   43503104R1   R3123,R3124   C-CARBON R   RN72K1J-331UE   43503314R1   R3122,R3126   C-CARBON R   RN72K1J-663UE   43503304R1   R3127,R3128   C-CARBON R   RN72K1J-00UE   435031004R1   R3129,R3130   C-CARBON R   RN72K1J-00UE   435031004R1   R3129,R3130   C-CARBON R   RN72K1J-22UE   435032244R1   R3213,R3214   C-CARBON R   RN72K1J-271JE   435032714R1   R3223,R3224   C-CARBON R   RN72K1J-271JE   435032714R1   R3223,R3234   C-CARBON R   RN72K1J-271JE   435032714R1   R3223,R3234   C-CARBON R   RN72K1J-271JE   435031014R1   R3233,R3234   C-CARBON R   RN72K1J-271JE   435031014R1   R3233,R3234   C-CARBON R   RN72K1J-20JE   435031014R1   R3233,R3234   C-CARBO	R3083,R3084,R3085	C-CARBON R	RN72K1J-221JE	435032214R1
R3091,R3092,R3104	R3086,R3087,R3088	C-CARBON R	RN72K1J-221JE	435032214R1
R3091,R3092,R3104	R3089.R3090	C-CARBON R	RN72K1J-220JE	435032204R1
R3093,R3094   C-CARBON R   RN72K1J-471JE   435034714R1   R3095,R3096,R3097   C-CARBON R   RN72K1J-103JE   435031034R1   R3098,R3099,R3100   C-CARBON R   RN72K1J-103JE   435031034R1   R3101,R3102   C-CARBON R   RN72K1J-220JE   435032204R1   R3103   C-CARBON R   RN72K1J-473JE   43503134R1   R3103   C-CARBON R   RN72K1J-473JE   435034734R1   R3106,R6702,R6707   C-CARBON R   RN72K1J-153JE   435031534R1   R3106,R6702,R6707   C-CARBON R   RN72K1J-153JE   435031534R1   R3116,R3116   C-CARBON R   RN72K1J-103JE   435031034R1   R3112,R3115,R3116   C-CARBON R   RN72K1J-000JE   435030004R1   R3119,R3120,R3121   C-CARBON R   RN72K1J-00JE   435031044R1   R3129,R3120,R3121   C-CARBON R   RN72K1J-104JE   435031044R1   R3129,R3120,R3121   C-CARBON R   RN72K1J-331JE   43503314R1   R3125,R3126   C-CARBON R   RN72K1J-363JE   435033314R1   R3129,R3130   C-CARBON R   RN72K1J-563JE   435035634R1   R3129,R3130   C-CARBON R   RN72K1J-100JE   435031004R1   R3129,R3120   C-CARBON R   RN72K1J-224JE   435032244R1   R3213,R3214   C-CARBON R   RN72K1J-224JE   435032244R1   R3215,R3216   C-CARBON R   RN72K1J-224JE   435032244R1   R32215,R3224   C-CARBON R   RN72K1J-224JE   435032244R1   R3225,R3226,R3227   C-CARBON R   RN72K1J-224JE   435032714R1   R3225,R3226,R3227   C-CARBON R   RN72K1J-271JE   435032714R1   R3223,R3333,R3234   C-CARBON R   RN72K1J-271JE   435032714R1   R3233,R3234   C-CARBON R   RN72K1J-201JE   435031014R1   R3233,R3234   C-CARBON R   RN72K1J-201JE   435031004R1	•	+		
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R3123,R3124         C-CARBON R         RN72K1J-331JE         435033314R1           R3125,R3126         C-CARBON R         RN72K1J-563JE         435035634R1           R3127,R3128         C-CARBON R         RN72K1J-100JE         435031004R1           R3129,R3130         C-CARBON R         RN72K1J-000JE         435030004R1           R3210,R3211,R3212         C-CARBON R         RN72K1J-224JE         435032244R1           R3213,R3214         C-CARBON R         RN72K1J-224JE         435032244R1           R3215,R3216         C-CARBON R         RN72K1J-224JE         435032244R1           R32217         C-CARBON R         RN72K1J-224JE         435032244R1           R3223,R3221,R3222         C-CARBON R         RN72K1J-271JE         435032714R1           R3225,R3226,R3227         C-CARBON R         RN72K1J-271JE         435032714R1           R3230,R3231         C-CARBON R         RN72K1J-101JE         435031014R1           R3232,R3233,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3253,R3236,R3237         C-CARBON R         RN72K1J-203JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         43503104R1	•			
R3125,R3126         C-CARBON R         RN72K1J-563JE         435035634R1           R3127,R3128         C-CARBON R         RN72K1J-100JE         435031004R1           R3129,R3130         C-CARBON R         RN72K1J-000JE         435030004R1           R3210,R3211,R3212         C-CARBON R         RN72K1J-224JE         435032244R1           R3213,R3214         C-CARBON R         RN72K1J-224JE         435032244R1           R3215,R3216         C-CARBON R         RN72K1J-224JE         435032244R1           R3217         C-CARBON R         RN72K1J-224JE         435032244R1           R3220,R3221,R3222         C-CARBON R         RN72K1J-271JE         435032714R1           R3225,R3226,R3227         C-CARBON R         RN72K1J-271JE         435032714R1           R3230,R3231         C-CARBON R         RN72K1J-271JE         435031014R1           R3232,R323,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3232,R323,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3235,R3236,R3237         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3251,R3254         C-CARBON R         RN72K1J-223JE         435032234				
R3127,R3128         C-CARBON R         RN72K1J-100JE         435031004R1           R3129,R3130         C-CARBON R         RN72K1J-000JE         435030004R1           R3210,R3211,R3212         C-CARBON R         RN72K1J-224JE         435032244R1           R3213,R3214         C-CARBON R         RN72K1J-224JE         435032244R1           R3215,R3216         C-CARBON R         RN72K1J-224JE         435032244R1           R3217         C-CARBON R         RN72K1J-224JE         435032244R1           R3220,R3221,R3222         C-CARBON R         RN72K1J-224JE         435032214R1           R3223,R3224         C-CARBON R         RN72K1J-271JE         435032714R1           R3225,R3226,R3227         C-CARBON R         RN72K1J-271JE         435032714R1           R3230,R3231         C-CARBON R         RN72K1J-101JE         435031014R1           R3232,R3233,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RN72K1J-101JE         435031014R1           R3251,R3254         C-CARBON R         RN72K1J-00JE         435031014R1           R3251,R3255         METAL O R         RS1WBJ-120         443621214           R3251,R3254         C-CARBON R         RN72K1J-00JE         435033234R1     <	·			+ +
R3129,R3130	·		1 1 1 1 1 1	
R3210,R3211,R3212         C-CARBON R         RN72K1J-224JE         435032244R1           R3213,R3214         C-CARBON R         RN72K1J-224JE         435032244R1           R3215,R3216         C-CARBON R         RN72K1J-224JE         435032244R1           R3217         C-CARBON R         RN72K1J-224JE         435032244R1           R3220,R3221,R3222         C-CARBON R         RN72K1J-271JE         435032714R1           R3223,R3224         C-CARBON R         RN72K1J-271JE         435032714R1           R3225,R3226,R3227         C-CARBON R         RN72K1J-271JE         435032714R1           R3230,R3231         C-CARBON R         RN72K1J-101JE         435031014R1           R3232,R3233,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3235,R3236,R3237         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3253,R3254         C-CARBON R         RN72K1J-00JE         435032234R1           R3407,R3408         C-CARBON R         RN72K1J-223JE         435032234R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-281JE         43503474R1 <td></td> <td></td> <td></td> <td></td>				
R3213,R3214         C-CARBON R         RN72K1J-224JE         435032244R1           R3215,R3216         C-CARBON R         RN72K1J-224JE         435032244R1           R3217         C-CARBON R         RN72K1J-224JE         435032244R1           R3220,R3221,R3222         C-CARBON R         RN72K1J-271JE         435032714R1           R3223,R3224         C-CARBON R         RN72K1J-271JE         435032714R1           R3225,R3226,R3227         C-CARBON R         RN72K1J-271JE         435032714R1           R3230,R3231         C-CARBON R         RN72K1J-101JE         435031014R1           R3232,R3233,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3235,R3236,R3236,R3237         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3253,R3254         C-CARBON R         RN72K1J-000JE         435030004R1           R3407,R3408         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-471JE         435034714R1           R3503,R3504         C-CARBON R         RN72K1J-681JE         435034714R1           R3503,R3506         C-CARBON R         RN72K1J-473JE         435034734R1 </td <td>R3129,R3130</td> <td>C-CARBON R</td> <td>RN72K1J-000JE</td> <td>435030004R1</td>	R3129,R3130	C-CARBON R	RN72K1J-000JE	435030004R1
R3215,R3216         C-CARBON R         RN72K1J-224JE         435032244R1           R3217         C-CARBON R         RN72K1J-224JE         435032244R1           R3220,R3221,R3222         C-CARBON R         RN72K1J-271JE         435032714R1           R3223,R3224         C-CARBON R         RN72K1J-271JE         435032714R1           R3225,R3226,R3227         C-CARBON R         RN72K1J-271JE         435032714R1           R3230,R3231         C-CARBON R         RN72K1J-101JE         435031014R1           R3232,R3233,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3235,R3236,R3237         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3257,R3254         C-CARBON R         RN72K1J-000JE         435033004R1           R3407,R3408         C-CARBON R         RN72K1J-223JE         435033234R1           R3409,R3410         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-471JE         435034714R1           R3503,R3504         C-CARBON R         RN72K1J-681JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-473JE         435031024R1	R3210,R3211,R3212	C-CARBON R	RN72K1J-224JE	435032244R1
R3217         C-CARBON R         RN72K1J-224JE         435032244R1           R3220,R3221,R3222         C-CARBON R         RN72K1J-271JE         435032714R1           R3223,R3224         C-CARBON R         RN72K1J-271JE         435032714R1           R3225,R3226,R3227         C-CARBON R         RN72K1J-271JE         435032714R1           R3230,R3231         C-CARBON R         RN72K1J-101JE         435031014R1           R3232,R3233,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3235,R3236,R3237         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3253,R3254         C-CARBON R         RN72K1J-200JE         435030004R1           R3407,R3408         C-CARBON R         RN72K1J-223JE         435032234R1           R3409,R3410         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435034714R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435031024R1           R6010,R6011,R6012         CARBON R         RN72K1J-102JE         435031024R1 <td>R3213,R3214</td> <td>C-CARBON R</td> <td>RN72K1J-224JE</td> <td>435032244R1</td>	R3213,R3214	C-CARBON R	RN72K1J-224JE	435032244R1
R3220,R3221,R3222         C-CARBON R         RN72K1J-271JE         435032714R1           R3223,R3224         C-CARBON R         RN72K1J-271JE         435032714R1           R3225,R3226,R3227         C-CARBON R         RN72K1J-271JE         435032714R1           R3230,R3231         C-CARBON R         RN72K1J-101JE         435031014R1           R3232,R3233,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3235,R3236,R3237         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3253,R3254         C-CARBON R         RN72K1J-000JE         435030004R1           R3407,R3408         C-CARBON R         RN72K1J-223JE         435032234R1           R3409,R3410         C-CARBON R         RN72K1J-471JE         435032214R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435034734R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624 <td>R3215,R3216</td> <td>C-CARBON R</td> <td>RN72K1J-224JE</td> <td>435032244R1</td>	R3215,R3216	C-CARBON R	RN72K1J-224JE	435032244R1
R3223,R3224         C-CARBON R         RN72K1J-271JE         435032714R1           R3225,R3226,R3227         C-CARBON R         RN72K1J-271JE         435032714R1           R3230,R3231         C-CARBON R         RN72K1J-101JE         435031014R1           R3232,R3233,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3235,R3236,R3237         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3253,R3254         C-CARBON R         RN72K1J-000JE         435030004R1           R3407,R3408         C-CARBON R         RN72K1J-223JE         435032234R1           R3409,R3410         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435034734R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435031024R1           R6010,R6011,R6012         CARBON R         RN72K1J-102JE         435031024R1           R6013,R6014         CARBON R         R16J-5.6K         417345624           R6015,R6020         CARBON R         R16J-5.6K         417345624	R3217	C-CARBON R	RN72K1J-224JE	435032244R1
R3225,R3226,R3227         C-CARBON R         RN72K1J-271JE         435032714R1           R3230,R3231         C-CARBON R         RN72K1J-101JE         435031014R1           R3232,R3233,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3235,R3236,R3237         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3253,R3254         C-CARBON R         RN72K1J-000JE         435030004R1           R3407,R3408         C-CARBON R         RN72K1J-223JE         435032234R1           R3409,R3410         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435036814R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924 <td>R3220,R3221,R3222</td> <td>C-CARBON R</td> <td>RN72K1J-271JE</td> <td>435032714R1</td>	R3220,R3221,R3222	C-CARBON R	RN72K1J-271JE	435032714R1
R3230,R3231         C-CARBON R         RN72K1J-101JE         435031014R1           R3232,R3233,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3235,R3236,R3237         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3253,R3254         C-CARBON R         RN72K1J-000JE         435030004R1           R3407,R3408         C-CARBON R         RN72K1J-223JE         435032234R1           R3409,R3410         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435036814R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924	R3223,R3224	C-CARBON R	RN72K1J-271JE	435032714R1
R3232,R3233,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3235,R3236,R3237         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3253,R3254         C-CARBON R         RN72K1J-000JE         435030004R1           R3407,R3408         C-CARBON R         RN72K1J-223JE         435032234R1           R3409,R3410         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435036814R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924	R3225,R3226,R3227	C-CARBON R	RN72K1J-271JE	435032714R1
R3232,R3233,R3234         C-CARBON R         RN72K1J-101JE         435031014R1           R3235,R3236,R3237         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3253,R3254         C-CARBON R         RN72K1J-000JE         435030004R1           R3407,R3408         C-CARBON R         RN72K1J-223JE         435032234R1           R3409,R3410         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435036814R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924	R3230,R3231	C-CARBON R	RN72K1J-101JE	435031014R1
R3235,R3236,R3237         C-CARBON R         RN72K1J-101JE         435031014R1           R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3253,R3254         C-CARBON R         RN72K1J-000JE         435030004R1           R3407,R3408         C-CARBON R         RN72K1J-223JE         435032234R1           R3409,R3410         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435036814R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6013,R6014         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924	R3232.R3233.R3234			<del> </del>
R3251,R3252         METAL O R         RS1WBJ-120         443621214           R3253,R3254         C-CARBON R         RN72K1J-000JE         435030004R1           R3407,R3408         C-CARBON R         RN72K1J-223JE         435032234R1           R3409,R3410         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435036814R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6013,R6014         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924	·			
R3253,R3254         C-CARBON R         RN72K1J-000JE         435030004R1           R3407,R3408         C-CARBON R         RN72K1J-223JE         435032234R1           R3409,R3410         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435036814R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6013,R6014         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924				<del> </del>
R3407,R3408         C-CARBON R         RN72K1J-223JE         435032234R1           R3409,R3410         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435036814R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6013,R6014         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924				
R3409,R3410         C-CARBON R         RN72K1J-471JE         435034714R1           R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435036814R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6013,R6014         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924	·			<del> </del>
R3411,R3412         C-CARBON R         RN72K1J-221JE         435032214R1           R3413,R3414         C-CARBON R         RN72K1J-681JE         435036814R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6013,R6014         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924				<del> </del>
R3413,R3414         C-CARBON R         RN72K1J-681JE         435036814R1           R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6013,R6014         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924				
R3503,R3504         C-CARBON R         RN72K1J-473JE         435034734R1           R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6013,R6014         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924				
R3505,R3506         C-CARBON R         RN72K1J-102JE         435031024R1           R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6013,R6014         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924	·			
R6010,R6011,R6012         CARBON R         R16J-5.6K         417345624           R6013,R6014         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924				<del> </del>
R6013,R6014         CARBON R         R16J-5.6K         417345624           R6015,R6016         CARBON R         R16J-5.6K         417345624           R6020,R6021,R6022         CARBON R         R16J-3.9K         417343924	·			
R6015,R6016 CARBON R R16J-5.6K 417345624 R6020,R6021,R6022 CARBON R R16J-3.9K 417343924				<del> </del>
R6020,R6021,R6022 CARBON R R16J-3.9K 417343924	·			<del> </del>
	·			<del> </del>
R6023,R6024	·			+ +
<del> </del>	R6023,R6024	CARBON R	R16J-3.9K	417343924

R6100,R6101,R6102         METAL PR         MPRSW+5W 0R22 or         4000233 or           R6103,R6104         METAL PR         RGC55 0.22 or         4000132 or           R6105,R6106         METAL PR         RGC55 0.22 or         4000132 or           R6120,R612,R6122         NF CARBON R         R25-2.2         415470224           R6123,R6124         NF CARBON R         R25-2.2         415470224           R6125,R6126         NF CARBON R         R25-2.2         415470224           R6132,R6131         METAL R         RNU1WCJ-8.2         453630824           R6133,R6134         METAL R         RNU1WCJ-8.2         453630824           R6135,R6136         METAL R         RNU1WCJ-8.2         453630824           R6143,R6144         CARBON R         R163-22K         417342234           R6143,R6144         CARBON R         R163-22K         417342234           R6143,R6144         CARBON R         R163-22K         417342234           R6150,R6151,R6152         CARBON R         R163-12K         417342234           R6153,R6154         CARBON R         R163-12K         417341234           R6153,R6154         CARBON R         R163-12K         417341234           R6153,R616         CARBON R         R163-12K	<b>-</b>				
RB033.R8034 CARBON R R16J-470 417344714 R8035.R8035 R8035 CARBON R R16J-470 417344714 R80035.R8035 R8035 CARBON R R16J-470 417344714 R80035.R8035 R8035 CARBON R R16J-470 417344714 R80035.R8045 TRIM R N06HR2KBC 5210390 R8045.R8045 TRIM R N06HR2KBC 5210390 R8055.R8045 TRIM R N06HR2KBC 5210390 R8055.R8045 CARBON R R16J-3.3K 417343324 R8055.R8065 CARBON R R16J-3.3K 417343324 R8055.R8046 TRIM R8045.R8045 R8045	R6025,R6026	CARBON R	R16J-3.9K	417343924	
REGISS, REGISS  CARBON R  RISL-3 3K  417343324  417343324  REGISS, REGISS  CARBON R  RISL-3 3K  417343324  REGISS, REGISS  CARBON R  RISL-3 3K  417343324  REGISS, REGISS  CARBON R  RISL-3 3K  417343324  REGISS, REGISS  REGISS, REGISS  CARBON R  RISL-3 3K  417343324  REGISS, REGISS  REGISS, REGISS  CARBON R  RISL-3 3K  417343324  REGISS, REGISS  REGISS, REGISS  CARBON R  RESS-62  415472204  REGISS, REGISS  CARBON R  RESS-62  415472244  REGISS, REGISS  REGISS, REGISS  REGISS, REGISS  REGISS, REGISS  REGISS, REGISS  CARBON R  RESS-62  415472234  REGISS, REGISS  REGISS, R	R6030,R6031,R6032	CARBON R	R16J-470	417344714	
RB049, RB044	R6033,R6034	CARBON R	R16J-470	417344714	
REMO4S, RROMA RIMIR NOBHEZ/BC \$10390   RROSD, RROMS, RROMS, RROSS, RROSS	R6035,R6036	CARBON R	R16J-470	417344714	
REQUÉS REQUÉS CARBON R REGOS REGOS CARBON R RESU-122 C ARBON R REGOS REGOS CARBON R RESU-122 C ARBON	R6040,R6041,R6042	TRIM R	N06HR2KBC	5210390	
REQUÉS REQUÉS CARBON R REGOS REGOS CARBON R RESU-122 C ARBON R REGOS REGOS CARBON R RESU-122 C ARBON	R6043.R6044	TRIM R	N06HR2KBC	5210390	
RB695, R6954, R6952         CARBON R         R16,3-3 K         417343324         RR053, R6954         CARBON R         R16,3-3 K         417343324         RR053, R6956         CARBON R         R16,3-3 K         417343324         RR0576, R6977         ROF         CARBON R         R16,3-3 K         417343324         RR0576, R6977         ROF         CARBON R         R25,4-22         41547264         RR076, R6974         NF CARBON R         R25,4-150         415471514         RR076, R6974         NF CARBON R         R25,4-120         415472294         RR0608, R6907         RR0608, R6908         CARBON R         R25,4-0.22         415472294         RR0608, R6908         CARBON R         R25,4-0.22         415472294         RR0608, R6908         CARBON R         R25,4-0.22         415472294         RR06093, R6909         CARBON R         R25,4-0.22         415472294         RR06093, R6909         CARBON R         R25,4-0.22         415472294         RR0610, R610, R6102         METAL PR         RPS,4-0.22         415472294         RR010, R610, R6102         RR010, R6104         RR010, R6104         RR010, R6104         RR010, R61	· · · · · · · · · · · · · · · · · · ·	•			
RB053, R8054 CARBON R R0505, R8056 CARBON R R16J-3,3K R17343324 R8070, R8071, R8072 NF CARBON R R16J-3,3K R17343324 R8070, R8071, R8072 NF CARBON R R25J-82 R15472594 R80807, R8073 NF CARBON R R25J-82 R15472294 R80808, R80808 CARBON R R25J-0,22 R15472294 R80808, R8096 CARBON R R25J-0,22 R15472294 R8090, R8091, R8092 CARBON R R25J-0,22 R15472294 R8093, R8094 CARBON R R25J-0,22 R15472294 R8093, R8096 CARBON R R25J-0,22 R8093, R8096 CARBON R R85J-0,22 R8093, R8096 CARBON R R85J-2,2 R8093, R8096 CARBON R R8096,					
REOSE, REGOTO, REOT, REOTO         CARBON R         R. 16,1-3,3K         417,343,324         REOROTO, REOT, REOTO           REOTO, REOT, REOTO         N. F. CARBON R         R. 25,1-32         415,472,214         REOTO, REOTO, REOTO         REOTO, REOTO         N. F. CARBON R         R. 25,1-22         415,472,214         REOGO, REOB, REOB         CARBON R         R. 25,1-22         415,472,214         REOGO, REOB, REOB         CARBON R         R. 25,1-22         415,472,294         REOGO, REOB, REOB         CARBON R         R. 25,1-0,22         415,472,294         REOGO, REOBO         CARBON R         R. 25,1-0,22         415,472,294         REOGO, REOBO, REOBO         REOBO, REOBO         REOBO, REOBOR         R. 25,1-0,22         415,472,294         REOGO, REOBOR         REOBO, REOBOR         RESCIPLIA, PERCENCIAL         RESCIPLIA, PERCENCIAL         RESCIPLIA, PERCENCIAL         RESCIPLIA, PERCENCIAL         RESCIPLIA, PERCENCIAL </td <td></td> <td>•</td> <td></td> <td>+</td> <td></td>		•		+	
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R6073, R6074 NF CARBON R R251-150 415471514 R608075, R6076 NF CARBON R R251-220 415472214 R6080, R6081, R6082 CARBON R R251-0.22 415472214 R6080, R6081, R6082 CARBON R R251-0.22 415472294 R6083, R6096 CARBON R R251-0.22 415472294 R6083, R6096 CARBON R R251-0.22 415472294 R6093, R6094 CARBON R R251-0.22 415472294 R6093, R6096 CARBON R R251-0.22 415472294 R6093, R6096 CARBON R R251-0.22 415472294 R6093, R6096 CARBON R R251-0.22 415472294 R6100, R6101, R6102 METAL PR MPSW1-8W 0R22 or 4000233 or R6103, R6104 METAL PR R6504, R6104, R	,				
R6075, R6076 N P CARBON R R25J-220 415472214 R60803, R6081, R6082 CARBON R R25J-0.22 415472294 R6083, R6084 CARBON R R25J-0.22 415472294 R6083, R6086 CARBON R R25J-0.22 415472294 R6083, R6086 CARBON R R25J-0.22 415472294 R60890, R6091, R6092 CARBON R R25J-0.22 415472294 R6093, R6094 CARBON R R25J-0.22 415472294 R6103, R6104 R6102 R6103, R6104 METAL PR R52J-0.22 415472294 R6103, R6104 METAL PR R6103, R6104 METAL PR R655 0.22 or 4000233 or R6103, R6104 METAL PR R655 0.22 or 4000201 R6120, R6120, R6124, R6122 NF CARBON R R25J-2.2 415470224 R6123, R6124 NF CARBON R R25J-2.2 415470224 R6123, R6124 NF CARBON R R25J-2.2 415470224 R6123, R6124 NF CARBON R R25J-2.2 415470224 R6123, R6134 NF CARBON R R25J-2.2 415470224 R6123, R6134 NF CARBON R R25J-2.2 415470224 R6130, R6131, R6132 METAL R RNU11WCJ-8.2 458630824 R6133, R6134 METAL R RNU11WCJ-8.2 458630824 R6133, R6136 METAL R RNU11WCJ-8.2 458630824 R6134, R6144 CARBON R R16J-22K 417342234 R6144, R6144 CARBON R R16J-22K 417342234 R6144, R6146 CARBON R R16J-22K 417342234 R6144, R6146 CARBON R R16J-22K 417342234 R6154, R6154 CARBON R R16J-22K 417342234 R6153, R6154 CARBON R R16J-12K 417341234 R6153, R6154 CARBON R R16J-12K 417341234 R6153, R6154 CARBON R R16J-12K 417341234 R6153, R6156 CARBON R R16J-17K 417343334 R6156 CARBON R R16J-17K 417343334 R6156 CARBON R R16J-17K 417343334 R6156 CARBON R R16J-17K 417344334 R6156 CARBON	, ,				
REG0B, REG081, REG082         CARBON R         R25J-0.22         415472294           REG083, REG084         CARBON R         R25J-0.22         415472294           REG085, REG086         CARBON R         R25J-0.22         415472294           REG080, REG091, REG092         CARBON R         R25J-0.22         415472294           REG093, REG094         CARBON R         R25J-0.22         415472294           REG093, REG094         CARBON R         R25J-0.22         415472294           REG09, REG096         CARBON R         R25J-0.22         415472294           REG10, REG10, REG02         METAL PR         METAL PR         MEDSH-VEW WORZ2 or         4000233 or           REG10, REG12, REG12         NE CARBON R         R25J-0.22         415470224         REG12, REG12, REG12         NE CARBON R           REG12, REG12, REG12         NE CARBON R         RESD-2.2         415470224         REG12, REG12, REG12         415470224           REG12, REG12, REG12         NE CARBON R         RESD-2.2         415470224         REG12, REG12, REG12         415470224         REG12, REG12, REG12         REG12, REG12					
R6093, R6094         CARBON R         R25J-0.22         415472294           R6095, R6096         CARBON R         R25J-0.22         415472294           R6090, R6091, R6092         CARBON R         R25J-0.22         415472294           R6093, R6096         CARBON R         R25J-0.22         415472294           R6093, R6096         CARBON R         R25J-0.22         415472294           R6100, R6101, R6102         METAL PR         MPRSW+SW 0822 or         4000233 or           R6103, R6104         METAL PR         RCS05.0.22 or         4000132 or           R6105, R6106         METAL PR         RCS05.0.22 or         4000232 or           R6105, R6106         METAL PR         RF-5EGKR22         4000201           R6120, R6121, R6122         NF CARBON R         R25J-2.2         415470224           R6123, R6124         NF CARBON R         R25J-2.2         415470224           R6123, R6124         NF CARBON R         R25J-2.2         415470224           R6130, R6131, R6132         METAL R         RNU1WCJ-8.2         453630024           R6130, R6134, R6144         CARBON R         R16J-22K         417342234           R6140, R6141, R6142         CARBON R         R16J-22K         417342234           R6145, R6164	,				
R6095, R6096         CARBON R         R25,L-0.22         415472294           R6093, R6091, R6092         CARBON R         R25,L-0.22         415472294           R6093, R6094         CARBON R         R25,L-0.22         415472294           R6095, R6096         CARBON R         R25,L-0.22         415472294           R6010, R6101, R6102         METAL PR         MRPSWH-SW 0/R22 or         4000233 or           R6103, R6106         METAL PR         RG555 0.22 or         4000132 or           R6105, R6106         METAL PR         RG555 0.22 or         4000201           R6120, R6121, R6122         NF CARBON R         R25-L-2.         415470224           R6123, R6124         NF CARBON R         R25-L-2.         415470224           R6123, R6134         NF CARBON R         R25-L-2.         415470224           R6133, R6134         METAL R         RNU1WCJ-B.2         453630024           R6133, R6134         METAL R         RNU1WCJ-B.2         453630024           R6133, R6134         METAL R         RNU1WCJ-B.2         453630024           R6133, R6143         METAL R         RNU1WCJ-B.2         453630024           R6143, R6146         CARBON R         R16,L-2X         417342234           R6143, R6146         CARBON					
R6003, R6094         CARBON R         R25.I-0.22         415472294           R6003, R6094         CARBON R         R25.I-0.22         415472294           R6003, R6096         CARBON R         R25.I-0.22         415472294           R6100, R6101, R6102         METAL PR         MPRSW+SW 0R22 or         4000132 or           R6103, R6104         METAL PR         RGC55 0.22 or         4000132 or           R6103, R6106         METAL PR         RGC55 0.22 or         4000132 or           R6102, R6121, R6120         NF CARBON R         RC55-2.2         415470224           R6123, R6124         NF CARBON R         R25-2.2         415470224           R6123, R6124         NF CARBON R         R25-2.2         415470224           R6123, R6124         NF CARBON R         R25-2.2         415470224           R6130, R6131, R6132         METAL R         RNUTWCJ-8.2         453630024           R6135, R6136         METAL R         RNUTWCJ-8.2         453630024           R6134, R6141, R6142         CARBON R         R16,22K         417342234           R6140, R6141, R6142         CARBON R         R16,12K         417342234           R6153, R6154         CARBON R         R16,12K         417341234           R6153, R6156         C	R6083,R6084			+	
R6003, R6094         CARBON R         R25-D-22         415472294           R6096, R6096         CARBON R         R25-D-22         415472294           R6008, R6096         CARBON R         R25-D-022         415472294           R6100, R6101, R6102         METAL PR         MC555 0.22 or         4000132 or           R6103, R6106         METAL PR         RGC55 0.22 or         4000132 or           R6120, R6121, R6122         NF CARBON R         R25-J-2.2         415470224           R6123, R6124         NF CARBON R         R25-J-2.2         415470224           R6123, R6126         NF CARBON R         R25-J-2.2         415470224           R6133, R6136         METAL R         RNU1WCJ-8.2         453630824           R6133, R6134         METAL R         RNU1WCJ-8.2         453630824           R6133, R6134         METAL R         RNU1WCJ-8.2         453630824           R6143, R6141         CARBON R         R16, 22K         417342234           R6143, R6144         CARBON R         R16, 22K         417342234           R6143, R6144         CARBON R         R16, 12K         417341234           R6153, R6154         CARBON R         R16, 12K         417341234           R6153, R6156         CARBON R         R1	R6085,R6086	CARBON R	R25J-0.22	415472294	
R6905,R6906   CARBON R   R25J-0.22   415472294   R6100,R6101,R6102   METAL PR   MFRSW+5W 0R22 or 4000132 or R6105,R6106   METAL PR   RC655 0.22 or 4000132 or R6105,R6106   METAL PR   RF-5E6KR22   4000201   R6123,R6124   R6123,R6124   NF CARBON R   R25J-2.2   415470224   R6123,R6124   NF CARBON R   R25J-2.2   415470224   R6123,R6124   NF CARBON R   R25J-2.2   415470224   R6123,R6134   NF CARBON R   R25J-2.2   415470224   R6130,R6131,R6132   METAL R   RNU1WCJ-8.2   453630824   R6130,R6131,R6132   METAL R   RNU1WCJ-8.2   453630824   R6133,R6134   METAL R   RNU1WCJ-8.2   453630824   R6134,R6134   CARBON R   R16J-22K   417342234   R6141,R6142   CARBON R   R16J-22K   417342234   R6140,R6141,R6142   CARBON R   R16J-22K   417342234   R6140,R6141,R6142   CARBON R   R16J-22K   417342234   R6153,R6146   CARBON R   R16J-12K   417341234   R6155,R6156   CARBON R   R16J-33K   417343334   R6160,R6161,R6162   CARBON R   R16J-47K   417344734   R6160,R6161,R6162   CARBON R   R16J-47K	R6090,R6091,R6092	CARBON R	R25J-0.22	415472294	
R6100,R6101,R6102 R6103,R6104 RETAL PR RC055 0.22 or R0103,R6106 METAL PR RC055 0.22 or R0103,R6106 METAL PR RC055 0.22 or R0100122 or R6120,R6121,R6122 NF CARBON R R254-22 R6123,R6124 NF CARBON R R254-22 R6125,R6126 NF CARBON R R254-22 R6125,R6126 NF CARBON R R254-22 R6125,R6126 NF CARBON R R254-22 R6130,R6131,R6132 METAL R RNU1WCJ-8-2 R6133,R6134 METAL R RNU1WCJ-8-2 R6133,R6134 METAL R RNU1WCJ-8-2 R6133,R6136 METAL R RNU1WCJ-8-2 R6136,R6141,R6142 R6140,R6141,R6142 R6140,R6141,R6142 R6140,R6141,R6142 R6140,R6141,R6142 R6140,R6141,R6142 R6140,R6141,R6142 R6140,R6141,R6142 R6140,R6141,R6142 R6150,R6151,R6152 CARBON R R164-22K R1134234 R6145,R6146 CARBON R R164-12K R141341234 R6155,R6156 CARBON R R164-12K R141341234 R6155,R6156 CARBON R R164-12K R141341234 R6155,R6156 CARBON R R164-12K R147341234 R6155,R6156 CARBON R R164-133K R1473413334 R6156,R6156 CARBON R R164-133K R147343334 R6156,R6156 CARBON R R164-133K R147343334 R6165,R6166 CARBON R R164-147K R147344734 R6193,R6191,R6192 CARBON R R164-47K R147344734 R6193,R6191,R6192 CARBON R R164-47K R147344734 R6193,R6191 CARBON R R164-47K R147344734 R6193,R6194 CARBON R R164-47K R147344734 R6193,R6194 CARBON R R164-47K R147344734 R6197 METAL R R101-20K R14744 R6193,R6194 CARBON R R164-47K R147344734 R6193,R6194 CARBON R R164-47K R147344734 R6193,R6194 CARBON R R164-47K R147344734 R6197 METAL R R101-20K R6194,R6194 CARBON R R164-47K R147344734 R6197 METAL R R101-20K R6194,R6194 CARBON R R164-47K R147344734 R6197 R6197 METAL R R101-20K R6194,R6194 R6194 R619	R6093,R6094	CARBON R	R25J-0.22	415472294	
R6103,R6104         METAL PR         RC655.0.22 or         4000132 or           R6105,R6106         METAL PR         RF-5EGKR22         4000201           R6120,R6121,R6122         NC CARBON R         R25J-2.2         415470224           R6123,R6124         NF CARBON R         R25J-2.2         415470224           R6130,R6131,R6132         METAL R         RNU1WCJ-8.2         453630824           R6133,R6134         METAL R         RNU1WCJ-8.2         453630824           R6133,R6136         METAL R         RNU1WCJ-8.2         453630824           R6140,R6141,R6142         CARBON R         R16J-22K         417342234           R6143,R6144         CARBON R         R16J-22K         417342234           R6143,R6146         CARBON R         R16J-22K         417342234           R6153,R6154         CARBON R         R16J-22K         417342234           R6153,R6156         CARBON R         R16J-12K         417341234           R6153,R6156         CARBON R         R16J-12K         417341234           R6150,R6161,R6162         CARBON R         R16J-33K         417343334           R6163,R6164         CARBON R         R16J-33K         417343334           R6163,R6164         CARBON R         R16J-33K	R6095,R6096	CARBON R	R25J-0.22	415472294	
R6105, R6106  METAL PR R7-5EGKR22  R6120, R6121, R6122 R6123, R6124 R6126, R6124 R6127, R6122 R6125, R6126 R6126, R6126 R6127, R6124 R6126, R6126 R6127, R6124 R6126, R6126 R6127, R6126 R6127, R6126 R6127, R6126 R6127, R6126 R6127, R6126 R6127, R6127 R6130, R6131, R6132 R6130, R6134 R6131, R6134 R6131, R6134 R6131, R6134 R6131, R6134 R6131, R6134 R6131, R6134 R6141, R6142 CARBON R R16142, CARBON R R16142, CARBON R R16143, R6144 CARBON R R16142, R6143, R6144 CARBON R R161428 R6143, R6146 CARBON R R161428 R6153, R6156 CARBON R R16141, R6142 CARBON R R16141, R6144 R6155, R6156 CARBON R R16141, R6144 R6155, R6156 CARBON R R16141, R6144 R6160, R6161, R6162 CARBON R R16141, R6144 R6160, R6161, R6162 CARBON R R1614, R6144 R6160, R6161, R6162 CARBON R R1614, R6144 R6160, R6161, R6162 CARBON R R164, R6144 R6160, R6161, R6162 CARBON R R164, R6164 CARBO	R6100,R6101,R6102	METAL PR	MPR5W+5W 0R22 or	4000233 or	
R6105, R6106  METAL PR R7-5EGKR22  R6120, R6121, R6122 R6123, R6124 R6126, R6124 R6127, R6122 R6125, R6126 R6126, R6126 R6127, R6124 R6126, R6126 R6127, R6124 R6126, R6126 R6127, R6126 R6127, R6126 R6127, R6126 R6127, R6126 R6127, R6126 R6127, R6127 R6130, R6131, R6132 R6130, R6134 R6131, R6134 R6131, R6134 R6131, R6134 R6131, R6134 R6131, R6134 R6131, R6134 R6141, R6142 CARBON R R16142, CARBON R R16142, CARBON R R16143, R6144 CARBON R R16142, R6143, R6144 CARBON R R161428 R6143, R6146 CARBON R R161428 R6153, R6156 CARBON R R16141, R6142 CARBON R R16141, R6144 R6155, R6156 CARBON R R16141, R6144 R6155, R6156 CARBON R R16141, R6144 R6160, R6161, R6162 CARBON R R16141, R6144 R6160, R6161, R6162 CARBON R R1614, R6144 R6160, R6161, R6162 CARBON R R1614, R6144 R6160, R6161, R6162 CARBON R R164, R6144 R6160, R6161, R6162 CARBON R R164, R6164 CARBO	R6103,R6104	METAL PR	RGC55 0.22 or	4000132 or	
R6120,R6121,R6122  NF CARBON R  R25J-2.2  415470224  R6123,R6126  NF CARBON R  R25J-2.2  415470224  R6126,R6126  NF CARBON R  R25J-2.2  415470224  R6130,R6131,R6132  METAL R  RNU1WCJ-8.2  453630824  R6133,R6134  METAL R  RNU1WCJ-8.2  453630824  R6135,R6136  METAL R  RNU1WCJ-8.2  453630824  R6135,R6136  METAL R  RNU1WCJ-8.2  453630824  R6143,R6142  CARBON R  R16J-22K  417342234  R6143,R6144  CARBON R  R16J-22K  417342234  R6143,R6144  CARBON R  R16J-22K  417342234  R6143,R6146  CARBON R  R16J-22K  417342234  R6153,R6156  CARBON R  R16J-12K  417341234  R6155,R6156  CARBON R  R16J-12K  417341234  R6155,R6156  CARBON R  R16J-12K  417341234  R6155,R6156  CARBON R  R16J-33K  417343334  R6165,R6166  CARBON R  R16J-33K  417343334  R6163,R6161  CARBON R  R16J-33K  417343334  R6163,R6161  CARBON R  R16J-33K  417343334  R6163,R6166  CARBON R  R16J-37K  417344734  R6190,R6191,R6192  CARBON R  R16J-47K  417344734  R6193,R6194  CARBON R  R16J-47K  417344734  R6197  METAL R  RNU1WCJ-8.2  4153632294  R6197,R6196  CARBON R  R16J-47K  R17344734  R6213,R6214  CARBON R  R16J-47K  R17344734  R6213,R6214  CARBON R  R16J-47K  R17344734  R6215,R6216  CARBON R  R16J-47K  R17344734  R6216,R621,R6212  CARBON R  R16J-47K  R17344734  R6215,R6216  CARBON R  R16J-47K  R17344734  R6216,R621,R6212  CARBON R  R16J-47K  R17344734  R6216,R621,R6212  CARBON R  R16J-47K  R17344734  R6216,R621,R6212  CARBON R  R16J-47K  R17344734  R6216,R621,R621  R6216,R621,R621  R6216,R621,R621  R6216,R	R6105,R6106			+	
R6123,R6124         NF CARBON R         R25J-2.2         415470224           R6125,R6126         NF CARBON R         R25J-2.2         415470224           R6130,R6131,R6132         METAL R         RNU1WCJ-8.2         453630824           R6133,R6134         METAL R         RNU1WCJ-8.2         453630824           R6133,R6134         METAL R         RNU1WCJ-8.2         453630824           R6140,R6141,R6142         CARBON R         R16J-22K         417342234           R6143,R6144         CARBON R         R16J-22K         417342234           R6145,R6146         CARBON R         R16J-22K         417342234           R6150,R6151,R6152         CARBON R         R16J-12K         417342234           R6155,R6156         CARBON R         R16J-12K         417341234           R6155,R6156         CARBON R         R16J-12K         417341234           R6155,R6166         CARBON R         R16J-33K         417343334           R6165,R6166         CARBON R         R16J-33K         417343334           R6165,R6166         CARBON R         R16J-33K         417343334           R6190,R6191,R6192         CARBON R         R16J-37K         417344734           R6190,R6191,R6192         CARBON R         R16J-47K	R6120.R6121.R6122				
R6125,R6126 NF CARBON R R25J-2.2 415470224 R6130,R6131,R6132 METAL R RNU1WCJ-8.2 453630824 R6133,R6134 METAL R RNU1WCJ-8.2 453630824 R6133,R6134 METAL R RNU1WCJ-8.2 453630824 R6140,R6141,R6142 CARBON R R16J-22K 417342234 R6144 CARBON R R16J-22K 417342234 R6143,R6144 CARBON R R16J-22K 417342234 R6143,R6144 CARBON R R16J-22K 417342234 R6154,R6146 CARBON R R16J-22K 417342234 R6156,R6151,R6152 CARBON R R16J-22K 417342234 R6150,R6151,R6152 CARBON R R16J-12K 417341234 R6150,R6151,R6152 CARBON R R16J-12K 417341234 R6150,R6151,R6152 CARBON R R16J-12K 417341234 R6153,R6154 CARBON R R16J-12K 417341234 R6165,R6166 CARBON R R16J-12K 417341234 R6165,R6166 CARBON R R16J-12K 417341234 R6165,R6158 CARBON R R16J-12K 417341234 R6169,R6161,R6162 CARBON R R16J-33K 417343334 R6165,R6166 CARBON R R16J-37K 417344734 R6169,R6191,R6192 CARBON R R16J-37K 417344734 R61690,R6191,R6192 CARBON R R16J-47K 417344734 R6195,R6196 CARBON R R16J-47K 417344734 R6195,R6196 CARBON R R16J-47K 417344734 R61915,R6192 CARBON R R16J-47K 417344734 R61915,R6192 CARBON R R16J-47K 417344734 R61915,R6192 CARBON R R16J-47K 417344734 R6212 CARBON R R16J-47K 417344734 R6213,R6212 CARBON R R16J-47K 417344734 R6213,R6214 CARBON R R16J-20K 417342244 R6243,R6244 CARBON R R16J-20K 417342244 R6243,R6242 CARBON R R16J-20K 417342244 R6243,R6244 CARBON R R18J-20K 417342244 R6243,R6246 CARBON R R18J-20K 4		•			1
R6130,R6131,R6132         METAL R         RNU1WCJ-8.2         453630824           R6133,R6136         METAL R         RNU1WCJ-8.2         453630824           R6140,R6141,R6142         CARBON R         R16J-22K         417342234           R6141,R6142         CARBON R         R16J-22K         417342234           R6143,R6144         CARBON R         R16J-22K         417342234           R6145,R6146         CARBON R         R16J-22K         417342234           R6150,R6151,R6152         CARBON R         R16J-22K         417341234           R6150,R6151,R6152         CARBON R         R16J-12K         417341234           R6153,R6154         CARBON R         R16J-12K         417341234           R6163,R6155         CARBON R         R16J-12K         417341234           R6160,R6161,R6162         CARBON R         R16J-33K         417343334           R6160,R6161,R6162         CARBON R         R16J-33K         417343334           R6163,R6164         CARBON R         R16J-33K         417343334           R6165,R6166         CARBON R         R16J-33K         417343334           R6180,R6181         METAL R         R16J-47K         417344734           R6193,R6194         CARBON R         R16J-47K <t< td=""><td></td><td></td><td></td><td></td><td>+</td></t<>					+
R6133,R6134 METAL R RNU1WCJ-8.2 453630824 R6143,R6143,R6142 CARBON R R16J-22K 417342234 R6143,R6144 CARBON R R16J-22K 417342234 R6143,R6144 CARBON R R16J-22K 417342234 R6143,R6146 CARBON R R16J-22K 417342234 R6143,R6146 CARBON R R16J-12K 417342234 R6153,R6151,R6152 CARBON R R16J-12K 417341234 R6153,R6154 CARBON R R16J-12K 417341234 R6153,R6155 CARBON R R16J-12K 417341234 R6153,R6156 CARBON R R16J-12K 417341234 R6163,R6166 CARBON R R16J-33K 417343334 R6165,R6166 CARBON R R16J-33K 417343334 R6165,R6166 CARBON R R16J-47K 417344734 R6190,R6191,R6192 CARBON R R16J-47K 417344734 R6193,R6194 CARBON R R16J-47K 417344734 R6195,R6196 CARBON R R16J-47K 417344734 R6197 METAL R RNU1/2WCJ-0.22 453532294 R6213,R6214 CARBON R R16J-47K 417344734 R6224,R6241,R6242 CARBON R R16J-47K 417344734 R6243,R6246 CARBON R R16J-47K 417344734 R6243,R6246 CARBON R R16J-220K 417342244 R6243,R6240 CARBON R R16J-220K 417342244 R6243,R6903 C-CARBON R R16J-220K 417342244 R6243,R6903 C-CARBON R R16J-220K 417342244 R6701 C-CARBON R R16J-220K 417342244 R6704,R6903 C-CARBON R R16J-220K 417342244 R6706 C-CARBON R RN72K1J-223JE 435033234R1 R6706 C-CARBON R RN72K1J-223JE 435033334R1 R6709 C-CARBON R RN72K1J-224JE 435032244R1 R6709 C-CARBON R RN72K1J-224JE 4350332244R1 R6709 C-CARBON R RN72K1J-224JE 435033224R1 R6709 C-CARBON R RN72K1J-224JE 435033224R1 R6709 C-CARBON R RN72K1J-224JE 435033224R1 R6709 C-CARBON R RN72K1J-224JE 435033624R1 R6709 C-CARBON R RN72K1J-325JE 435033334R1 R6709 C-CARBON R RN72K1J-325JE 435033334R1 R6709 C-CARBON R RN72K1J-325JE 4350333334R1 R6709 RELAY NPL-2PDA-DC4.5-169 25065586 RELAY NPL-2PDA-DC4.5-169 25065586 RELAY NPL-2PDA-DC4.5-				+	
R6135,R6136         METAL R         RNU1WCJ-8.2         453630824           R6140,R6141,R6142         CARBON R         R16J-22K         417342234           R6143,R6144         CARBON R         R16J-22K         417342234           R6145,R6146         CARBON R         R16J-22K         417342234           R6156,R6152         CARBON R         R16J-12K         417341234           R6153,R6154         CARBON R         R16J-12K         417341234           R6155,R6156         CARBON R         R16J-12K         417341234           R6165,R6162         CARBON R         R16J-12K         417341234           R6165,R6166         CARBON R         R16J-33K         417343334           R6196,R6191         METAL OR         RS172WBJ-390         443523914           R6193,R6194         CARBON R         R16J-47K         417344734           R6193,R6196         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU12/WCJ-0.22         455532294	, ,				
R6140,R6141,R6142         CARBON R         R16J-22K         417342234           R6143,R6144         CARBON R         R16J-22K         417342234           R6143,R6144         CARBON R         R16J-22K         417342234           R6150,R6151,R6152         CARBON R         R16J-12K         417341234           R6153,R6154         CARBON R         R16J-12K         417341234           R6155,R6156         CARBON R         R16J-12K         417341234           R6165,R6161,R6162         CARBON R         R16J-33K         417343334           R6163,R6164         CARBON R         R16J-33K         4173433334           R6165,R6166         CARBON R         R16J-33K         4173433334           R6163,R6181         METAL O R         R51/2WBJ-390         443523914           R6190,R6191,R6192         CARBON R         R16J-47K         417344734           R6193,R6194         CARBON R         R16J-47K         417344734           R6195,R6196         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6219,R6214         CARBON R         R16J-47K         4	,			+	
R6143,R6144         CARBON R         R16J-22K         417342234           R6145,R6146         CARBON R         R16J-22K         417342234           R6150,R6151,R6152         CARBON R         R16J-12K         417341234           R6153,R6154         CARBON R         R16J-12K         417341234           R6155,R6156         CARBON R         R16J-12K         417341234           R6160,R6161,R6162         CARBON R         R16J-33K         417343334           R6163,R6164         CARBON R         R16J-33K         417343334           R6165,R6166         CARBON R         R16J-33K         417343334           R6165,R6166         CARBON R         R16J-33K         417343334           R6196,R6191         METAL O R         R51/2/WBJ-390         443523914           R6193,R6194         CARBON R         R16J-47K         417344734           R6193,R6194         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         455332294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-20K         417342244	,				
R6145,R6146         CARBON R         R16J-22K         417342234           R6150,R6151,R6152         CARBON R         R16J-12K         417341234           R6153,R6154         CARBON R         R16J-12K         417341234           R6155,R6156         CARBON R         R16J-12K         417341234           R6160,R6161,R6162         CARBON R         R16J-33K         417343334           R6163,R6164         CARBON R         R16J-33K         417343334           R6165,R6166         CARBON R         R16J-33K         417343334           R6160,R6181         METAL O R         RS1/2WBJ-390         443523914           R6190,R6191,R6192         CARBON R         R16J-47K         417344734           R6193,R6194         CARBON R         R16J-47K         417344734           R6195,R6196         CARBON R         R16J-47K         417344734           R6195,R6196         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6213,R6216         CARBON R         R16J-220K         41734224		•		+	
R6150,R6151,R6152         CARBON R         R16J-12K         417341234           R6153,R6154         CARBON R         R16J-12K         417341234           R6155,R6156         CARBON R         R16J-12K         417341234           R6160,R6161,R6162         CARBON R         R16J-33K         417343334           R6163,R6164         CARBON R         R16J-33K         417343334           R6163,R6164         CARBON R         R16J-33K         417343334           R6163,R6161         METAL O R         RS1/2WBJ-390         443523914           R6190,R6191,R6192         CARBON R         R16J-47K         417344734           R6193,R6194         CARBON R         R16J-47K         417344734           R6195,R6196         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6219,R6211,R6212         CARBON R         R16J-47K         417344734           R6219,R6211,R6212         CARBON R         R16J-47K         417344734           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6215,R6216         CARBON R         R16J-47K         417344734           R6245,R6246         CARBON R         R16J-420K					
R6153,R6154 CARBON R R16J-12K 417341234 R6155,R6156 CARBON R R16J-12K 417341234 R6155,R6156 CARBON R R16J-33K 417343334 R6160,R6161,R6162 CARBON R R16J-33K 417343334 R6163,R6164 CARBON R R16J-33K 417343334 R6163,R6164 CARBON R R16J-33K 417343334 R6165,R6166 CARBON R R16J-33K 417343334 R6165,R6166 CARBON R R16J-33K 417343334 R6160,R6181 METAL O R R51/2WBJ-390 443523914 R6190,R6191,R6192 CARBON R R16J-47K 417344734 R6193,R6194 CARBON R R16J-47K 417344734 R6193,R6194 CARBON R R16J-47K 417344734 R6195,R6196 CARBON R R16J-47K 417344734 R6195,R6196 CARBON R R16J-47K 417344734 R6195,R6196 CARBON R R16J-47K 417344734 R6210,R6211,R6212 CARBON R R16J-47K 417344734 R62213,R6214 CARBON R R16J-47K 417344734 R62213,R6214 CARBON R R16J-47K 417344734 R62213,R6214 CARBON R R16J-47K 417344734 R6243,R6246 CARBON R R16J-220K 417342244 R6245,R6246 CARBON R R16J-220K 417342244 R6275,R6903 C-CARBON R R16J-320K 417342244 R6701 C-CARBON R R16J-320K 417342244 R6701 C-CARBON R R16J-320K 417342244 R6701 C-CARBON R R16J-320K 417342244 R6706,R6903 C-CARBON R RN72K1J-233JE 43503234R1 R6706,R6710 C-CARBON R RN72K1J-333JE 435034734R1 R6705,R6710 C-CARBON R RN72K1J-333JE 435033334R1 R6706 C-CARBON R RN72K1J-333JE 435033334R1 R6706 C-CARBON R RN72K1J-333JE 435033334R1 R6709 C-CARBON R RN72K1J-302JE 4350356548 R6609 C-CARBON R RN72K1J-302JE 4350356588 R6609 C-CARBON R RN72K1J-302JE 4350356588 R6609 R6709 R610A R6093 R61AY NRL-1P10A-DC12-140 O 25065588 R6609 R61AY NRL-1	R6145,R6146		R16J-22K		
R6155,R6156         CARBON R         R16J-12K         417341234           R6160,R6161,R6162         CARBON R         R16J-33K         417343334           R6163,R6164         CARBON R         R16J-33K         417343334           R6165,R6166         CARBON R         R16J-33K         417343334           R6180,R6181         METAL O R         RS1/2WBJ-390         443523914           R6190,R6191,R6192         CARBON R         R16J-47K         417344734           R6193,R6194         CARBON R         R16J-47K         417344734           R6195,R6196         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6215,R6216         CARBON R         R16J-47K         417344734           R6245,R6216         CARBON R         R16J-220K         417342244           R6243,R6244         CARBON R         R16J-220K         417342244           R6243,R6246         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         RN72K1J-343JE         435033234R1	R6150,R6151,R6152	CARBON R	R16J-12K	417341234	
R6160,R6161,R6162         CARBON R         R16J-33K         417343334           R6163,R6164         CARBON R         R16J-33K         417343334           R6165,R6166         CARBON R         R16J-33K         417343334           R6180,R6181         METAL O R         R81/2WBJ-390         443523914           R6190,R6191,R6192         CARBON R         R16J-47K         417344734           R6193,R6194         CARBON R         R16J-47K         417344734           R6195,R6196         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6215,R6216         CARBON R         R16J-47K         417344734           R6215,R6216         CARBON R         R16J-247K         417344734           R6215,R6216         CARBON R         R16J-220K         417342244           R6243,R6244         CARBON R         R16J-220K         417342244           R6243,R6246         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         RN72K1J-223JE         4350318347	R6153,R6154	CARBON R	R16J-12K	417341234	
R6163,R6164         CARBON R         R16J-33K         417343334           R6165,R6166         CARBON R         R16J-33K         417343334           R6180,R6181         METAL O R         R51/2WBJ-390         443523914           R6190,R6191,R6192         CARBON R         R16J-47K         417344734           R6193,R6194         CARBON R         R16J-47K         417344734           R6195,R6196         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6243,R6246         CARBON R         R16J-220K         417342244           R6245,R6246         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         R16J-220K         417342244           R6704,R6903         C-CARBON R         RN72K1J-223JE         435032234R1           R6706         C-CARBON R         RN72K1J-243JE         4350331834R1           R6709         C-CARBON R         RN72K1J-33JE         435033334	R6155,R6156	CARBON R	R16J-12K	417341234	
R6165,R6166         CARBON R         R16J-33K         417343334           R6180,R6181         METAL O R         R51/2WBJ-390         443523914           R6190,R6191,R6192         CARBON R         R16J-47K         417344734           R6193,R6194         CARBON R         R16J-47K         417344734           R6195,R6196         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6215,R6216         CARBON R         R16J-47K         417344734           R6215,R6216         CARBON R         R16J-20K         417344734           R6245,R6216         CARBON R         R16J-220K         417342244           R6245,R6246         CARBON R         R16J-220K         417342244           R6245,R6246         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         RN72K1J-33JE         435032234R1           R6705,R6710         C-CARBON R         RN72K1J-23JE         43503234734R1           R6706         C-CARBON R         RN72K1J-33JE         435033	R6160,R6161,R6162	CARBON R	R16J-33K	417343334	
R6180,R6181         METAL O R         RS1/2WBJ-390         443523914           R6190,R6191,R6192         CARBON R         R16J-47K         417344734           R6193,R6194         CARBON R         R16J-47K         417344734           R6195,R6196         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6210,R6214,R6242         CARBON R         R16J-20K         417344734           R6240,R6241,R6242         CARBON R         R16J-220K         417342244           R6243,R6244         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         R16J-220K         417342244           R6701         C-CARBON R         RN72K1J-323JE         43503234R1           R6704,R6903         C-CARBON R         RN72K1J-483JE         435031834R1           R6706         C-CARBON R         RN72K1J-324JE         4350332244R1           R6709         C-CARBON R         RN72K1J-333JE	R6163,R6164	CARBON R	R16J-33K	417343334	
R6190,R6191,R6192         CARBON R         R16J-47K         417344734           R6193,R6194         CARBON R         R16J-47K         417344734           R6195,R6196         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6213,R6216         CARBON R         R16J-47K         417344734           R6240,R6241,R6242         CARBON R         R16J-20K         417342734           R6243,R6244         CARBON R         R16J-220K         417342244           R6243,R6246         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         R16J-220K         417342244           R6704,R6903         C-CARBON R         RN72K1J-223JE         435034734R1           R6706,R6710         C-CARBON R         RN72K1J-183JE         43503434R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-303JE         43503303334R1           R6902         C-CARBON R         RN72K1J-102JE	R6165,R6166	CARBON R	R16J-33K	417343334	
R6193,R6194         CARBON R         R16J-47K         417344734           R6195,R6196         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6213,R6216         CARBON R         R16J-47K         417344734           R6240,R6241,R6242         CARBON R         R16J-220K         417342244           R6243,R6244         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         R16J-220K         417342244           R6704,R6903         C-CARBON R         RN72K1J-223JE         435034734R1           R6704,R6903         C-CARBON R         RN72K1J-473JE         435031834R1           R6706         C-CARBON R         RN72K1J-183JE         435031834R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-102JE         4350335244R1           R6902         C-CARBON R         RN72K1J-102JE         4350335041A1           R6902         RELAY         NRL-2P2A-DC4.5-173 or	R6180,R6181	METAL O R	RS1/2WBJ-390	443523914	
R6193,R6194         CARBON R         R16J-47K         417344734           R6195,R6196         CARBON R         R16J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6213,R6216         CARBON R         R16J-47K         417344734           R6240,R6241,R6242         CARBON R         R16J-220K         417342244           R6243,R6244         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         R16J-220K         417342244           R6704,R6903         C-CARBON R         RN72K1J-223JE         435034734R1           R6704,R6903         C-CARBON R         RN72K1J-473JE         435031834R1           R6706         C-CARBON R         RN72K1J-183JE         435031834R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-102JE         4350335244R1           R6902         C-CARBON R         RN72K1J-102JE         4350335041A1           R6902         RELAY         NRL-2P2A-DC4.5-173 or	R6190.R6191.R6192	CARBON R	R16J-47K	417344734	
R6195,R6196         CARBON R         R15J-47K         417344734           R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6215,R6216         CARBON R         R16J-47K         417344734           R6240,R6241,R6242         CARBON R         R16J-220K         417342244           R6243,R6244         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         R16J-220K         417342244           R6701         C-CARBON R         RN72K1J-223JE         435032234R1           R6704,R6903         C-CARBON R         RN72K1J-473JE         435034734R1           R6706         C-CARBON R         RN72K1J-483JE         435031834R1           R6706         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-333JE         435033334R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065685           RELAY         NRL-1P10A-DC12-140 or         25065588 <td></td> <td></td> <td></td> <td></td> <td></td>					
R6197         METAL R         RNU1/2WCJ-0.22         453532294           R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6215,R6216         CARBON R         R16J-47K         417344734           R6240,R6241,R6242         CARBON R         R16J-220K         417342244           R6243,R6244         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         R16J-220K         417342244           R6701         C-CARBON R         RN72K1J-223JE         435032234R1           R6704,R6903         C-CARBON R         RN72K1J-33JE         435031834R1           R6706         C-CARBON R         RN72K1J-33JE         435032244R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-356JE         4350335624R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RLAY         NRL-2P1A-DC4.5-169         25065684           RELAY         NRL-1P10A-DC12-143         25065584 or		•			
R6210,R6211,R6212         CARBON R         R16J-47K         417344734           R6213,R6214         CARBON R         R16J-47K         417344734           R6215,R6216         CARBON R         R16J-47K         417344734           R6240,R6241,R6242         CARBON R         R16J-220K         417342244           R6243,R6244         CARBON R         R16J-220K         417342244           R6245,R6246         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         R16J-220K         417342244           R6704,R6903         C-CARBON R         RN72K1J-223JE         435032234R1           R6704,R6903         C-CARBON R         RN72K1J-473JE         435034734R1           R6705,R6710         C-CARBON R         RN72K1J-38JE         435031834R1           R6708         C-CARBON R         RN72K1J-224JE         4350332244R1           R6709         C-CARBON R         RN72K1J-333JE         4350333334R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           R6901,RL6902         RELAY         NRL-2P1A-DC4.5-169         25065584 or           RELAY         NRL-1P10A-DC12-140 or					
R6213,R6214         CARBON R         R16J-47K         417344734           R6215,R6216         CARBON R         R16J-47K         417344734           R6240,R6241,R6242         CARBON R         R16J-220K         417342244           R6243,R6244         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         R16J-220K         417342244           R6701         C-CARBON R         RN72K1J-223JE         4350332234R1           R6704,R6903         C-CARBON R         RN72K1J-243JE         435033234R1           R6705,R6710         C-CARBON R         RN72K1J-38JE         435031834R1           R6706         C-CARBON R         RN72K1J-224JE         435032244R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-333JE         435031024R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065645           RLAY         NPL-2P1A-DC4.5-169         25065684 or           RELAY         NRL-1P10A-DC12-140 or         25065588           F6901A,F6901B         FUSE HOLDER         SN5051         250113         !<					
R6215,R6216         CARBON R         R16J-47K         417344734           R6240,R6241,R6242         CARBON R         R16J-220K         417342244           R6243,R6244         CARBON R         R16J-220K         417342244           R6245,R6246         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         RN72K1J-223JE         435032234R1           R6704,R6903         C-CARBON R         RN72K1J-473JE         435034734R1           R6705,R6710         C-CARBON R         RN72K1J-483JE         435031834R1           R6706         C-CARBON R         RN72K1J-224JE         435032244R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-562JE         435031024R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RELAY         NPL-2P1A-DC4.5-169         250656584 or           RELAY         NRL-1P10A-DC12-140 or         25065584 or           RELAY         NRL-1P10A-DC12-143         25065588           F6901A,F6901B         FUSE HOLDER         SN5051         250113         ! </td <td></td> <td></td> <td></td> <td></td> <td></td>					
R6240,R6241,R6242         CARBON R         R16J-220K         417342244           R6243,R6244         CARBON R         R16J-220K         417342244           R6245,R6246         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         RN72K1J-223JE         435032234R1           R6704,R6903         C-CARBON R         RN72K1J-473JE         435034734R1           R6705,R6710         C-CARBON R         RN72K1J-483JE         435031834R1           R6706         C-CARBON R         RN72K1J-224JE         4350332244R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-562JE         4350335624R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RL6901,RL6902         RELAY         NPL-2P1A-DC4.5-169         25065645           RELAY         NRL-1P10A-DC12-140 or         25065584 or           R6901A,F6901B         FUSE HOLDER         SN5051         250113         !           F6902A,F6902B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK	,	•		+	
R6243,R6244         CARBON R         R16J-220K         417342244           R6245,R6246         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         RN72K1J-223JE         435032234R1           R6704,R6903         C-CARBON R         RN72K1J-473JE         435034734R1           R6705,R6710         C-CARBON R         RN72K1J-183JE         435031834R1           R6706         C-CARBON R         RN72K1J-224JE         435032244R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-562JE         435031024R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RL6901,RL6902         RELAY         NPL-2P1A-DC4.5-169         25065584 or           RELAY         NRL-1P10A-DC12-140 or         25065588           F6901A,F6901B         FUSE HOLDER         SN5051         250113         !           F6902A,F6902B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or         25045776 or           PIN JACK         NPJ-2PDBL18					
R6245,R6246         CARBON R         R16J-220K         417342244           R6701         C-CARBON R         RN72K1J-223JE         435032234R1           R6704,R6903         C-CARBON R         RN72K1J-473JE         435034734R1           R6705,R6710         C-CARBON R         RN72K1J-183JE         435031834R1           R6706         C-CARBON R         RN72K1J-224JE         435032244R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-562JE         435035624R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RL6901,RL6902         RELAY         NPL-2P1A-DC4.5-169         25065684           RL6901,RL6902         RELAY         NRL-1P10A-DC12-140 or         25065584 or           RELAY         NRL-1P10A-DC12-140 or         25065588           F6901A,F6901B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or         25045776 or           P1N JACK         NPJ-2PDBL185         25045333           PIN JACK         NPJ-6PDWWWRRR561 or         25045779				+	+
R6701         C-CARBON R         RN72K1J-223JE         435032234R1           R6704,R6903         C-CARBON R         RN72K1J-473JE         435034734R1           R6705,R6710         C-CARBON R         RN72K1J-183JE         435031834R1           R6706         C-CARBON R         RN72K1J-224JE         435032244R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-562JE         435035624R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RLAY         NPL-2P1A-DC4.5-169         25065645           RL6901,RL6902         RELAY         NRL-1P10A-DC12-140 or         25065584 or           RELAY         NRL-1P10A-DC12-143         25065588           F6901A,F6901B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or         25045776 or           PIN JACK         NPJ-2PDBL185         25045333           PIN JACK         NPJ-6PDWWWRRR561 or         25045779 or					
R6704,R6903         C-CARBON R         RN72K1J-473JE         435034734R1           R6705,R6710         C-CARBON R         RN72K1J-183JE         435031834R1           R6706         C-CARBON R         RN72K1J-224JE         435032244R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-562JE         435035624R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RLAY         NPL-2P1A-DC4.5-169         25065645           RL6901,RL6902         RELAY         NRL-1P10A-DC12-140 or         25065584 or           R6901A,F6901B         FUSE HOLDER         SN5051         250113         !           F6902A,F6902B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or         25045776 or           PIN JACK         NPJ-2PDBL185         25045333           PIN JACK         NPJ-6PDWWWRRR561 or         25045779 or					
R6705,R6710         C-CARBON R         RN72K1J-183JE         435031834R1           R6706         C-CARBON R         RN72K1J-224JE         435032244R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-562JE         435035624R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RLAY         NPL-2P1A-DC4.5-169         25065645           RLAY         NRL-1P10A-DC12-140 or         25065584 or           RELAY         NRL-1P10A-DC12-143         25065588           F6901A,F6901B         FUSE HOLDER         SN5051         250113         !           F6902A,F6902B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or         25045776 or           PIN JACK         NPJ-2PDBL185         25045333           PIN JACK         NPJ-6PDWWWRRR561 or         25045779 or				435032234R1	
R6706         C-CARBON R         RN72K1J-224JE         435032244R1           R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-562JE         435035624R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RLAY         NPL-2P1A-DC4.5-169         25065645           RLAY         NRL-1P10A-DC12-140 or         25065584 or           RELAY         NRL-1P10A-DC12-143         25065588           F6901A,F6901B         FUSE HOLDER         SN5051         250113         !           F6902A,F6902B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or         25045776 or           PIN JACK         NPJ-2PDBL185         25045333           PIN JACK         NPJ-6PDWWWRRR561 or         25045779 or	R6704,R6903	C-CARBON R		435034734R1	
R6708         C-CARBON R         RN72K1J-333JE         435033334R1           R6709         C-CARBON R         RN72K1J-562JE         435035624R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RL6901,RL6902         RELAY         NPL-2P1A-DC4.5-169         25065645           RELAY         NRL-1P10A-DC12-140 or         25065584 or           RELAY         NRL-1P10A-DC12-143         25065588           F6901A,F6901B         FUSE HOLDER         SN5051         250113         !           F6902A,F6902B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or         25045776 or           PIN JACK         NPJ-2PDBL185         25045333           PIN JACK         NPJ-6PDWWWRRR561 or         25045779 or	R6705,R6710	C-CARBON R	RN72K1J-183JE	435031834R1	
R6709         C-CARBON R         RN72K1J-562JE         435035624R1           R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RL6901,RL6902         RELAY         NPL-2P1A-DC4.5-169         25065584 or           REAY         NRL-1P10A-DC12-140 or         25065584 or           REAY         NRL-1P10A-DC12-143         25065588           F6901A,F6901B         FUSE HOLDER         SN5051         250113         !           F6902A,F6902B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or         25045776 or           PIN JACK         NPJ-2PDBL185         25045333           PIN JACK         NPJ-6PDWWWRRR561 or         25045779 or	R6706	C-CARBON R	RN72K1J-224JE	435032244R1	
R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RL6901,RL6902         RELAY         NPL-2P1A-DC4.5-169         25065584 or           REAY         NRL-1P10A-DC12-140 or         25065584 or           REAY         NRL-1P10A-DC12-143         25065588           F6901A,F6901B         FUSE HOLDER         SN5051         250113         !           F6902A,F6902B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or         25045776 or           PIN JACK         NPJ-2PDBL185         25045333           PIN JACK         NPJ-6PDWWWRRR561 or         25045779 or	R6708	C-CARBON R	RN72K1J-333JE	435033334R1	
R6902         C-CARBON R         RN72K1J-102JE         435031024R1           RL3201,RL3202         RELAY         NRL-2P2A-DC4.5-173 or         25065658 or           RL6901,RL6902         RELAY         NPL-2P1A-DC4.5-169         25065584 or           REAY         NRL-1P10A-DC12-140 or         25065584 or           REAY         NRL-1P10A-DC12-143         25065588           F6901A,F6901B         FUSE HOLDER         SN5051         250113         !           F6902A,F6902B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or         25045776 or           PIN JACK         NPJ-2PDBL185         25045333           PIN JACK         NPJ-6PDWWWRRR561 or         25045779 or	R6709	C-CARBON R	RN72K1J-562JE	435035624R1	
RL3201,RL3202         RELAY RELAY RPL-2P2A-DC4.5-173 or RELAY RELAY NPL-2P1A-DC4.5-169 25065658 or RELAY NPL-2P1A-DC4.5-169 25065645         25065645           RL6901,RL6902         RELAY NRL-1P10A-DC12-140 or RELAY NRL-1P10A-DC12-143 25065584 or RELAY NRL-1P10A-DC12-143 25065588         1           F6901A,F6901B         FUSE HOLDER SN5051 250113 !         1           F6902A,F6902B         FUSE HOLDER SN5051 250113 !         1           P3001         PIN JACK NPJ-2PDWR558 or PIN JACK NPJ-2PDBL185 25045333         1           P3002 P3003         PIN JACK NPJ-6PDWWWRRR561 or PIN JACK NPJ-6PDWWWRRTS NPJ-6PDWWWRTS NPJ-6PDWWWTS NPJ-6PDWWWTS NPJ-6PDWWWTS NPJ-6PDWWWTS NPJ-6PDWWWTS NPJ-6	R6902	C-CARBON R	RN72K1J-102JE	435031024R1	
RELAY NPL-2P1A-DC4.5-169 25065645  RL6901,RL6902 RELAY NRL-1P10A-DC12-140 or 25065584 or RELAY NRL-1P10A-DC12-143 25065588  F6901A,F6901B FUSE HOLDER SN5051 250113 ! F6902A,F6902B FUSE HOLDER SN5051 250113 !  P3001 P1N JACK NPJ-2PDWR558 or 25045776 or PIN JACK NPJ-2PDBL185 25045333  P3002 P3003 PIN JACK NPJ-6PDWWWRRR561 or 25045779 or					
RL6901,RL6902         RELAY         NRL-1P10A-DC12-140 or 25065584 or 25065584 or 25065588           F6901A,F6901B         FUSE HOLDER         SN5051         250113         !           F6902A,F6902B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or 25045776 or 25045776 or 25045333         PIN JACK         NPJ-2PDBL185         25045333           P3002 P3003         PIN JACK         NPJ-6PDWWWRRR561 or 25045779 or 25045779 or 25045779 or 25045779         NPJ-6PDWWWRRR561 or 25045779 or 25045779	KL3201,RL3202				
RELAY NRL-1P10A-DC12-143 25065588  F6901A,F6901B FUSE HOLDER SN5051 250113 !  F6902A,F6902B FUSE HOLDER SN5051 250113 !  P3001 P1 JACK NPJ-2PDWR558 or 25045776 or PIN JACK NPJ-2PDBL185 25045333  P3002 P3003 PIN JACK NPJ-6PDWWWRRR561 or 25045779 or					
F6901A,F6901B         FUSE HOLDER         SN5051         250113         !           F6902A,F6902B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or         25045776 or         PIN JACK         NPJ-2PDBL185         25045333           P3002 P3003         PIN JACK         NPJ-6PDWWWRRR561 or         25045779 or         25045779 or	RL6901,RL6902				
F6902A,F6902B         FUSE HOLDER         SN5051         250113         !           P3001         PIN JACK         NPJ-2PDWR558 or         25045776 or           PIN JACK         NPJ-2PDBL185         25045333           P3002 P3003         PIN JACK         NPJ-6PDWWWRRR561 or         25045779 or	E6001A E6001B				1
P3001 PIN JACK NPJ-2PDWR558 or 25045776 or PIN JACK NPJ-2PDBL185 25045333 P3002 P3003 PIN JACK NPJ-6PDWWWRRR561 or 25045779 or	· · · · · · · · · · · · · · · · · · ·			+	
P3001 PIN JACK NPJ-2PDBL185 25045333 P3002 P3003 PIN JACK NPJ-6PDWWWRRR561 or 25045779 or	F09UZA,F09UZB				!
P3002 P3003 PIN JACK NPJ-6PDWWWRRR561 or 25045779 or	P3001				+
P3002 P3003					
PIN JACK   NPJ-6PDBL159   25045300	P3002,P3003				
	,	PIN JACK	NPJ-6PDBL159	25045300	

			1	T
P3004	PIN JACK	NPJ-4PDWWRR624 or	25045845 or	
	PIN JACK	NPJ-4PDBL162	25045303	
P3005	PIN JACK	NPJ-6PDWLGREP562 or	25045780 or	
	PIN JACK	NPJ-6PWRLGGP493	25045697	
P3006,P3009	PIN JACK	NPJ-2PDNT521 or	25045733 or	
1 0000,1 0000	PIN JACK	NPJ-2PDNT627	25045848	
P3007	PIN JACK	NPJ-2PDWR558 or	25045776 or	
1 0001	PIN JACK	NPJ-2PDBL185	25045333	
P3008	PIN JACK	NPJ-6PDWLGREP562 or	25045780 or	
1 3000	PIN JACK	NPJ-6PWRLGGP493	25045697	
JL6006B,JL6200B	SOCKET	NSCT-5P97	25050269	
JL6200A	WIRE HOL	NSCT-5P896	25051109	
JL6600A	WIRE HOL	NSCT-7P898	25051111	
JL6603A	WIRE HOL	NSCT-9P900	25051113	
JL703A	WIRE HOL	NSCT-3P874	25051087	
P5004B	SOCKET AS	NSAS-26P1494	2009990954UL	
P3101A	PLUG	NPLG-15P0970	25056020	
P3102A	PLUG	NPLG-8P0963	25056013	
P3103A,P3104A	PLUG	NPLG-17P0972	25056022	
P3105A	PLUG	NPLG-17P0972	25056022	
P6000A,P6001A	PLUG	NPLG-5P0960	25056010	
P6002A,P6003A	PLUG	NPLG-5P0960	25056010	
P6004A,P6005A	PLUG	NPLG-5P0960	25056010	
P6080,P6081,P6082	PLUG	NPLG-2P29	25055038	
P6083,P6084	PLUG	NPLG-2P29	25055038	
P6085,P6086	PLUG	NPLG-2P29	25055038	
P6952A	PLUG	NPLG-10P157	25055173	
1 0302A	RETAINER	(PTH) or	27141884-1 or	
P6380	RETAINER	(PTH)	27141884	
P6911A	RETAINER	(BUS-D)	27141860	
Q3505A	HEAT SINK	RAD-165	27160500	
	_			
D6901A	HEAT SINK	RAD-164	27160499	
LUCOOO	MC CLAMD	OD 74600/L FO)	000004	
P6800	WS CLAMP	CB-71683(L=50)	260261	
D6901B,D6903B	SCREW	3P+10FN(3BC)	82143010GR	
D6901B,D6903B Q3505B,Q3506B	SCREW SCREW	3P+10FN(3BC) 3P+10FN(3BC)	82143010GR 82143010GR	
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B	SCREW SCREW SCREW	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC)	82143010GR	
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD	SCREW SCREW SCREW (NARF-8688-1A) North	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models	82143010GR 82143010GR 82143010GR	DEMARKO
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO.	SCREW SCREW SCREW (NARF-8688-1A) North	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION	82143010GR 82143010GR 82143010GR	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP	82143010GR 82143010GR 82143010GR PART NO. 222W0041R3	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO.	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT(EKJ) or	82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO.	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT(EKJ) or TC74VHC541FT or	82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT(EKJ) or TC74VHC541FT or SN74AHC541PWR	82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO.	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT(EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF	82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC IC IC IC(REGULATOR)	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT(EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or	82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2T or	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT(EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF	82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC IC IC IC(REGULATOR)	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT(EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or	82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2T or	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT(EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L、NQ) or NJM2391DL1-33 or	82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2T or 22278033DR2JR or	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT (EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2T or 22278033DR2JR or 22278033DR2RH	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT (EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2T or 22278033DR2JR or 22278033DR2RH 22242266R2	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT (EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2JR or 22278033DR2JR or 22278033DR2RH 22242266R2 22242280R2	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT (EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2JR or 22278033DR2JR or 22278033DR2RH 22242266R2 22242280R2 22242283R2	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103	SCREW SCREW SCREW  (NARF-8688-1A) North PART NAME IC IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT or SN74AHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541ER2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2JR or 22278033DR2JR or 22278033DR2H 22242266R2 22242280R2 22242283R2 22242279R2 or	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7102 Q7103 Q7104 Q7104 Q7105	SCREW SCREW SCREW  (NARF-8688-1A) North PART NAME IC IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC(REGULATOR) IC IC IC IC IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT (EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541ER2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2JR or 22278033DR2JR or 22278033DR2BH 22242266R2 22242280R2 22242283R2 22242279R2 or 22242273R2	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103 Q7104	SCREW SCREW SCREW  (NARF-8688-1A) North PART NAME  IC  IC  IC  IC  IC(REGULATOR)  IC(REGULATOR)  IC  IC  IC  IC  IC  IC  IC  IC  IC  I	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT or SN74AHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR 78L05(NJM78L05UA)	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541ER2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2JR or 22278033DR2JR or 22278033DR2BH 22242266R2 22242280R2 22242283R2 22242279R2 or 22242273R2 222780053R2JR	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7102 Q7103 Q7104 Q7104 Q7105	SCREW SCREW SCREW  (NARF-8688-1A) North PART NAME  IC  IC  IC  IC  IC(REGULATOR)  IC(REGULATOR)  IC  IC  IC  IC  IC  IC  IC  IC  IC  I	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT (EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR 78L05(NJM78L05UA) UDZS5.1B or	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541ER2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2JR or 22278033DR2JR or 22278033DR2BH 22242266R2 22242280R2 22242283R2 22242273R2 22242273R2 222780053R2JR 224550510R2 or	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103 Q7104 Q7104 Q7105 D7001	SCREW SCREW SCREW  (NARF-8688-1A) North PART NAME  IC  IC  IC  IC  IC(REGULATOR)  IC(REGULATOR)  IC  IC  IC  IC  IC  IC  IC  IC  IC  I	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT (EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR 78L05(NJM78L05UA) UDZS5.1B or HZU5.1B	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541ER2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2JR or 22278033DR2JR or 22278033DR2BH 22242266R2 22242280R2 22242283R2 22242279R2 or 22242273R2 222780053R2JR 224550510R2 or 224660514R2	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103 Q7104 Q7105 D7001 X7001 X7001	SCREW SCREW SCREW  (NARF-8688-1A) North PART NAME  IC  IC  IC  IC  IC(REGULATOR)  IC(REGULATOR)  IC  IC  IC  IC  IC  IC  IC  IC  IC  I	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT (EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR 78L05(NJM78L05UA) UDZS5.1B or HZU5.1B CSTCW2000MX01	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541ER2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2JR or 22278033DR2JR or 22278033DR2H 22242266R2 22242280R2 22242283R2 22242279R2 or 22242273R2 22242273R2 2224550510R2 or 224660514R2 3010342R2	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103 Q7104 Q7105 D7001 X7001	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT or SN74AHC541FT or SN74AHC541FWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR 78L05(NJM78L05UA) UDZS5.1B or HZU5.1B CSTCW2000MX01 DSX840GA 45.1584MHz	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541ER2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2JR or 22278033DR2JR or 22278033DR2RH 22242266R2 22242280R2 22242273R2 22242273R2 22242273R2 22242273R2 2224550510R2 or 224660514R2 3010342R2 3010420R2 231237K022R2 or	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103 Q7104 Q7105 D7001 X7001 X7001 X7001 L7001,L7104,L7105	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT or SN74AHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR 78L05(NJM78L05UA) UDZS5.1B or HZU5.1B CSTCW2000MX01 DSX840GA 45.1584MHz NCH-1471 or NCH-1587-022K	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541ER2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2T or 22278033DR2JR or 22278033DR2RH 22242266R2 22242280R2 22242280R2 22242279R2 or 22242273R2 22242273R2 2224550510R2 or 224660514R2 3010342R2 3010420R2 231237K022R2 or 233533K022R2	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103 Q7104 Q7105 D7001 X7001 X7001 X7001 L7001,L7104,L7105 L7101,L7102	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT or SN74AHC541FT or SN74AHC541FWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR 78L05(NJM78L05UA) UDZS5.1B or HZU5.1B CSTCW2000MX01 DSX840GA 45.1584MHz NCH-1471 or NCH-1587-022K BLM21PG221SN1	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2T or 22278033DR2JR or 22278033DR2BH 22242266R2 22242280R2 22242280R2 22242279R2 or 22242273R2 22242273R2 22242273R2 2224550510R2 or 224660514R2 3010342R2 3010420R2 231237K022R2 or 233533K022R2 230949R2	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103 Q7104 Q7105 D7001 X7001 X7001 X7001 L7001,L7104,L7105 L7101,L7102 L7103	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT or SN74AHC541FT or SN74AHC541FWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR 78L05(NJM78L05UA) UDZS5.1B or HZU5.1B CSTCW2000MX01 DSX840GA 45.1584MHz NCH-1471 or NCH-1587-022K BLM21PG221SN1 BK1608LM182-T	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2T or 22278033DR2JR or 22278033DR2BH 22242266R2 22242280R2 22242280R2 22242279R2 or 22242273R2 22242273R2 22242273R2 2224550510R2 or 224660514R2 3010342R2 3010420R2 231237K022R2 or 233533K022R2 230949R2 230958R1	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103 Q7104 Q7105 D7001 X7001 X7001 X7001 L7001,L7104,L7105 L7101,L7102 L7103 C7001,C7002,C7004	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT (EKJ) or TC74VHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR 78L05(NJM78L05UA) UDZS5.1B or HZU5.1B CSTCW2000MX01 DSX840GA 45.1584MHz NCH-1471 or NCH-1587-022K BLM21PG221SN1 BK1608LM182-T CK725F1E-104Z1	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2T or 22278033DR2JR or 22278033DR2BH 22242266R2 22242280R2 22242280R2 22242279R2 or 22242273R2 22242273R2 22242273R2 2224550510R2 or 224660514R2 3010342R2 3010420R2 231237K022R2 or 233533K022R2 230949R2 230958R1 332161040R1	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103 Q7104 Q7105 D7001 X7001 X7001 X7001 L7001,L7104,L7105 L7101,L7102 L7103 C7001,C7002,C7004 C7003,C7111,C7132	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT or SN74AHC541FT or SN74AHC541FWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR 78L05(NJM78L05UA) UDZS5.1B or HZU5.1B CSTCW2000MX01 DSX840GA 45.1584MHz NCH-1471 or NCH-1587-022K BLM21PG221SN1 BK1608LM182-T CK725F1E-104Z1 CE04W16V-100M(VR)	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2T or 22278033DR2JR or 22278033DR2BH 22242266R2 22242280R2 22242280R2 22242279R2 or 22242273R2 22242273R2 22242273R2 2224550510R2 or 224660514R2 3010342R2 3010342R2 3010420R2 231237K022R2 or 233533K022R2 230949R2 230958R1 332161040R1 394641017	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103 Q7104 Q7105 D7001 X7001 X7001 X7001 L7001,L7104,L7105 L7101,L7102 L7103 C7001,C7002,C7004 C7003,C7111,C7132 C7005,C7006,C7101	SCREW SCREW SCREW  (NARF-8688-1A) North PART NAME  IC  IC  IC  IC  IC(REGULATOR)  IC(REGULATOR)  IC  IC  IC  IC  IC  IC  IC  IC  IC  I	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models  DESCRIPTION  M30281FAHP TC74VHC541FT or SN74AHC541FT or SN74AHC541PWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR 78L05(NJM78L05UA) UDZS5.1B or HZU5.1B CSTCW2000MX01 DSX840GA 45.1584MHz NCH-1471 or NCH-1587-022K BLM21PG221SN1 BK1608LM182-T CK725F1E-104Z1 CE04W16V-100M(VR) CK725F1E-104Z1	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2T or 22278033DR2JR or 22278033DR2H 22242266R2 22242280R2 22242283R2 22242279R2 or 22242273R2 22242273R2 222780053R2JR 224550510R2 or 224660514R2 3010342R2 3010342R2 3010420R2 231237K022R2 or 233533K022R2 230949R2 230958R1 332161040R1 394641017 332161040R1	REMARKS
D6901B,D6903B Q3505B,Q3506B Q3507B,Q3508B XM RADIO PC BOARD CIRCUIT NO. Q7001 Q7002 Q7003 Q7004 Q7101 Q7102 Q7103 Q7104 Q7105 D7001 X7001 X7001 X7001 L7001,L7104,L7105 L7101,L7102 L7103 C7001,C7002,C7004 C7003,C7111,C7132	SCREW SCREW SCREW (NARF-8688-1A) North PART NAME IC IC IC IC IC(REGULATOR) IC(REGULATOR) IC	3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) 3P+10FN(3BC) American models DESCRIPTION M30281FAHP TC74VHC541FT or SN74AHC541FT or SN74AHC541FWR TC74HCT7007AF TA48033AF(TE16L, NQ) or NJM2391DL1-33 or BA33BC0FP F2602-01 AK4384ET NE5532APSR MAX1930ESA or TPS2011ADR 78L05(NJM78L05UA) UDZS5.1B or HZU5.1B CSTCW2000MX01 DSX840GA 45.1584MHz NCH-1471 or NCH-1587-022K BLM21PG221SN1 BK1608LM182-T CK725F1E-104Z1 CE04W16V-100M(VR)	82143010GR 82143010GR 82143010GR 82143010GR PART NO. 222W0041R3 22274541E1R2TO or 22274541ER2TO or 22274541IR2TI 222740077R2TO 22278033DR2T or 22278033DR2JR or 22278033DR2BH 22242266R2 22242280R2 22242280R2 22242279R2 or 22242273R2 22242273R2 22242273R2 2224550510R2 or 224660514R2 3010342R2 3010342R2 3010420R2 231237K022R2 or 233533K022R2 230949R2 230958R1 332161040R1 394641017	REMARKS

C7103,C7104,C7105	C-CERA C	CK725F1E-104Z1	332161040R1
C7106,C7114,C7115	C-CERA C	CK725F1E-104Z1	332161040R1
C7112	C-CERA C	CC725CH1H-040C1	342100401R1
C7113	C-CERA C	CC725CH1H-080D1	342100802R1
C7116,C7118,C7120	C-CERA C	CK725F1E-104Z1	332161040R1
C7121,C7124,C7125	VX C	CE04W50V-10M(VX)	393381007
C7122,C7134,C7135	C-CERA C	CK725F1E-104Z1	332161040R1
C7126,C7127	C-CERA C	CC725CH1H-821J1	342108214R1
C7128,C7129	C-CERA C	CC725CH1H-821J1	342108214R1
C7130,C7131	VX C	CE04W50V-10M(VX)	393381007
C7133,C7136	VR C	CE04W16V-100M(VR)	394641017
C7137	C-CERA C	CK725F1E-104Z1	332161040R1
R7001,R7003,R7005	C-CARBON R	RN72K1J-102JE	435031024R1
R7002,R7004,R7032	C-CARBON R	RN72K1J-103JE	435031034R1
R7006,R7007,R7008	C-CARBON R	RN72K1J-102JE	435031024R1
R7009,R7014,R7021	C-CARBON R	RN72K1J-102JE	435031024R1
R7010,R7011,R7012	C-CARBON R	RN72K1J-221JE	435032214R1
R7013,R7017,R7018	C-CARBON R	RN72K1J-221JE	435032214R1
R7022,R7023,R7024	C-CARBON R	RN72K1J-102JE	435031024R1
R7025	C-CARBON R	RN72K1J-221JE	435032214R1
R7101,R7102,R7103	C-CARBON R	RN72K1J-104JE	435031044R1
R7104,R7105	C-CARBON R	RN72K1J-104JE	435031044R1
R7111,R7112	C-CARBON R	RN72K1J-102JE	435031024R1
R7113,R7114,R7117	C-CARBON R	RN72K1J-101JE	435031014R1
R7115	C-CARBON R	RN72K1J-681JE	435036814R1
R7116	C-CARBON R	RN72K1J-105JE	435031054R1
R7118,R7119,R7120	C-CARBON R	RN72K1J-331JE	435033314R1
R7121,R7126	C-CARBON R	RN72K1J-000JE	435030004R1
R7127,R7128	C-CARBON R	RN72K1J-000JE	435030004R1
R7130,R7131,R7132	C-CARBON R	RN72K1J-222JE	435032224R1
R7133,R7136,R7137	C-CARBON R	RN72K1J-222JE	435032224R1
R7134,R7135	C-CARBON R	RN72K1J-332JE	435033324R1
R7138,R7139	C-CARBON R	RN72K1J-220JE	435032204R1
R7140,R7141	C-CARBON R	RN72K1J-220JE	435032204R1
R7142,R7143	C-CARBON R	RN72K1J-104JE	435031044R1
P7001A	SOCKET	NSCT-9P2400	25052503
P7102	SOCKET	CAM-C16	25053104R2
P710B	SOCKET	NSCT-13P2193	25052296

#### **ONKYO CORPORATION**

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